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OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

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MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A REPORT BY THE SECRETARY OF AGRICULTURE RELATING TO  
THE OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR  
THE YEAR ENDED JUNE 30, 1904.

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JANUARY 9, 1905.—Referred to the Committee on Agriculture and ordered to be  
printed, with accompanying papers.

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*To the Senate and House of Representatives:*

I transmit herewith a report, by the Secretary of Agriculture, of  
the operations of the Bureau of Animal Industry of the Department  
of Agriculture for the fiscal year ended June 30, 1904, in compliance  
with the requirements of section 11 of the act approved May 29, 1884,  
for the establishment of that Bureau.

THEODORE ROOSEVELT.

WHITE HOUSE, *January 9, 1905.*

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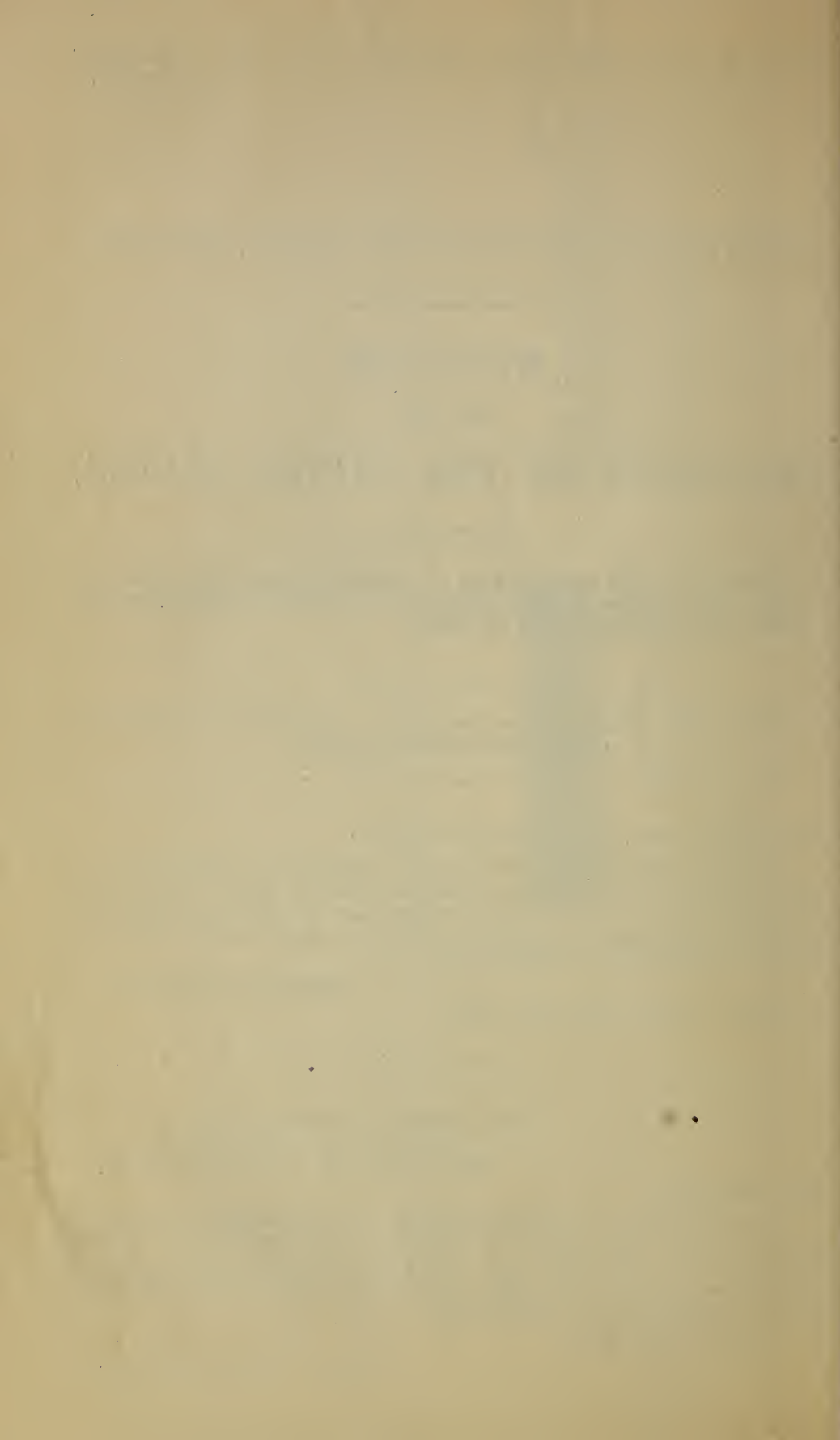
DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., January 7, 1905.*

The PRESIDENT:

I have the honor to submit herewith, for transmittal to Congress,  
a report of the operations of the Bureau of Animal Industry of this  
Department for the fiscal year ended June 30, 1904, in compliance  
with the requirements of section 11 of the act approved May 29, 1884,  
for the establishment of that Bureau.

Very respectfully,

JAMES WILSON, *Secretary.*





# OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1904.

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## CONTROL OF CONTAGIOUS DISEASES.

### SCAB OF SHEEP, CATTLE, AND HORSES.

It became evident last year that the means which the Bureau had employed up to that time to stamp out sheep scab were not proving as effectual as desired. This condition was due to various drawbacks. During the year just closed the methods of work were not changed in essential particulars, but the force of inspectors was increased, and wherever possible their work was concentrated until the scab was cleaned up from that point.

Last year the legislature of Wyoming, realizing that the sheep industry of that State could not prosper until the scab was eradicated, enacted a law providing for the cooperation of the board of sheep commissioners with this Bureau. Each of the inspectors of the Bureau in Wyoming received the additional appointment of inspector for the State. The result is stated by the board of sheep commissioners as follows:

All sheep in the scab-infected counties were treated, and early in the spring of the present year the effects of the general dipping in 1903 were apparent, fully 75 per cent of the bands treated for the disease having been cleaned up. This season it was decided to continue the dipping, and we are pleased to note that the sheep men of the State, with few exceptions, are complying with the orders of the board.

Last fall the counties of Albany, Laramie, Converse, and Weston were declared clean, and shipments went forth from those counties unrestricted. This year it is believed other counties will be declared clean, and in a short time Wyoming will be stricken from the list of scab-infested States.

It can now be stated, some months since the above was written, that the final work will soon be done in Wyoming and the Bureau's force of inspectors will be employed elsewhere.

The total number of inspections of sheep for scabies during the fiscal year was 40,967,961; the total number of dippings was 9,578,476, of which 1,957,278 were redippings. The number of cars cleaned and disinfected under the supervision of employees of the Bureau on account of this disease was 2,732.

The total number of inspections of cattle for scabies during the fiscal year was 1,124,321; the total number of dippings was 157,757, of which 59,788 were redippings. The number of cars cleaned and disinfected on account of this disease, under the supervision of employees of the Bureau, was 532.

The number of horses inspected from January 1 to June 30, 1904, was 752; of which 453 were found to be scabby; 138 infected were dipped in lime and sulphur. Three cars which had contained scabby horses were cleaned and disinfected.

## VENEREAL DISEASE OF HORSES.

Work for stamping out a venereal disease of horses, the so-called *maladie du coït*, has been carried on since its inauguration under the immediate supervision of the Quarantine Division. In reporting upon it for the previous fiscal year some of the obstacles to the ready eradication of the disease were referred to. Among these obstacles have been the wild state of most of the country over which the disease has spread, the unbroken condition of the animals, and the lack of cooperation and aid on the part of owners throughout the worst infected sections, these being in and adjacent to the Indian reservations of South Dakota. Nevertheless, owing to the vigorous manner in which the work was prosecuted and the success then already attained, the hope was expressed that this disease might at a not very remote period be entirely stamped out. It is gratifying to be able to state that the hope then expressed has been so far realized that in the great annual round-up which lasted this year from June 1 to 28, inclusive, not a single diseased animal nor a suspect was found.

During the year 76 animals were slaughtered because of showing evidences of the disease—4 stallions and 72 mares. In addition, 1,103 stallions which were running at large were castrated, and 302 stallions to be used for breeding purposes were tagged for identification. The total number of animals inspected was 11,604. The average indemnity paid by the Department for the 76 animals slaughtered because of being diseased was \$21.21; the total amount was \$1,612.

At the close of the year the services of laborers, who had been regularly employed in riding the range for the purpose of locating diseased animals, in performing castrations, and in doing other necessary work under the direction of the inspector in charge, were dispensed with; and under date of June 28, 1904, the Secretary of Agriculture issued an order, known as Bureau of Animal Industry Order No. 126, the subject-matter of which was regulations to prevent the spread of *maladie du coït* of horses. The provisions of this order, so far as they related to the work in the Indian reservations, were previously concurred in by the Secretary of the Interior.

Investigation regarding the nature and cause of this venereal disease has been continued during the past year. Additional opportunity for its study was afforded by an outbreak in eastern Iowa similar to those in Nebraska and South Dakota, and from which point an affected stallion and mare were brought to the experiment station of this Bureau for further examination. In order to make a comparative study of this disease as it occurs in the United States, and of *maladie du coït*, or dourine, as it occurs in France, arrangements were made through the courtesy of the late Professor Nocard for an official of this Bureau to make a study of dourine and its trypanosoma at the National Veterinary School at Alfort, France. This work was assigned to Dr. John R. Mohler, chief of the Pathological Division. Every opportunity was afforded him for the study of material at this school, and through the kindness of Doctor Nocard's assistants, Doctor Vallée and Doctor Carré, a dog was inoculated with the protozoan *Trypanosoma equiperdum*, from a horse affected with dourine, and brought to this country for the purpose of making a more detailed study of this parasite and the disease it engenders in horses.

## MEAT INSPECTION.

During the fiscal year 1904 the inspection of cattle, sheep, calves, and hogs, and their products was conducted at 152 establishments, located in 51 cities. Inspection was inaugurated at 5 establishments, 3 of which were in cities where it was already in operation in other establishments, and 2 in other places. Inspection was discontinued at 12 establishments in 8 cities where it had been in operation the preceding year. The inspection of horses for slaughter ceased during the year 1903 and was not resumed in 1904.

The following summary shows the number of establishments and the number of cities at which inspection was conducted during each fiscal year since 1891:

*Establishments and cities where meat inspection was conducted, 1891 to 1904.*

Fiscal year.	Number of establishments.	Number of cities.	Fiscal year.	Number of establishments.	Number of cities.
1891.....	9	6	1898.....	135	35
1892.....	23	12	1899.....	139	42
1893.....	37	16	1900.....	149	46
1894.....	46	17	1901.....	157	52
1895.....	55	19	1902.....	155	50
1896.....	102	26	1903.....	156	50
1897.....	128	33	1904.....	152	51

The number of inspections of live animals for slaughter and the number rejected on such examination are shown in the following table:

*Antemortem inspections for the fiscal year 1904.*

Kind of animal.	For official abattoirs in cities where inspections were made.	For abattoirs in other cities and miscellaneous buyers.	Total inspections.	Rejected (subject to result of post-mortem inspection).	
				At abattoirs.	In stock yards.
Cattle.....	6,490,144	6,109,687	12,599,831	757	42,263
Sheep.....	8,106,716	6,526,413	14,633,129	1,230	12,442
Calves.....	703,507	440,455	1,143,962	500	6,555
Hogs.....	24,722,894	11,513,567	36,236,461	3,807	59,519
Total.....	40,023,261	24,590,122	64,613,383	6,294	120,779

The preceding statement, when compared with the similar statement for 1903, shows an increase of more than 8 per cent in the total number of animals inspected for official abattoirs. This increase applies to all classes of animals except sheep, the number of which decreased about  $3\frac{1}{2}$  per cent. The number of hogs inspected antemortem for official abattoirs increased about 14 per cent, the number in 1903 having been 21,707,381, as against 24,722,894 in 1904.



Following is shown the number of postmortem inspections and the number of carcasses and parts condemned (exclusive of hog carcasses condemned for trichinæ):

*Postmortem inspections for the fiscal year 1904.*

Kind of animal.	Number of inspections.			Carcasses condemned.			
	For official abattoirs.	On animals rejected in stock yards.	Total.	For official abattoirs.	Animals rejected in stock yards.	Total.	Parts of carcasses condemned.
Cattle .....	6,350,011	33,069	6,383,080	12,354	3,791	16,145	5,307
Sheep .....	8,261,051	8,082	8,269,133	7,151	1,263	8,414	341
Calves .....	764,590	3,337	767,927	1,207	922	2,129	114
Hogs .....	24,128,462	41,768	24,170,230	57,516	4,971	62,487	126,840
Total .....	39,504,114	86,256	39,590,370	78,228	10,947	89,175	132,602

Here, as in the antemortem inspections, the increase over 1903 is general, except as to sheep, being, however, principally in hogs, the number increasing from 21,827,047 in 1903 to 24,170,230 in 1904.

In addition to the number of carcasses condemned for various causes on the regular postmortem inspection and for trichinæ on the microscopic inspection, the numbers shown below were tanked for other reasons, as designated in the statement.

*Animals lost otherwise than by disease.*

Manner of death.	Cattle.	Sheep.	Calves.	Hogs.	Total.
Died in yards.....	727	888	106	1,152	2,873
Killed in yards.....	1,682	1,064	1,285	13,248	17,279
Died in abattoirs.....	543	1,978	279	14,663	17,463
Total .....	2,952	3,930	1,670	29,063	37,615

The following table shows in detail the various diseases and conditions for which carcasses and parts were condemned and tanked during the year, and also includes those found dead and those killed by city inspectors:

*Causes of condemnation of carcasses and parts of carcasses, fiscal year 1904.*

Cause of condemnation.	Cattle.		Sheep.		Calves.		Hogs.	
	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.
Actinomycosis.....	1,130	2,379	.....	.....	16	.....	55	46
Tuberculosis.....	10,173	703	11	.....	22	.....	34,656	118,820
Caseous lymphadenitis.....	.....	.....	1,593	66	.....	.....	.....	.....
Cholera and swine plague.....	.....	.....	.....	.....	.....	.....	17,089	.....
Texas fever.....	71	.....	.....	.....	58	.....	.....	.....
Echinococcus.....	.....	.....	1	.....	.....	.....	3	8
Measles.....	.....	.....	.....	.....	.....	.....	10	.....
Scabies.....	.....	.....	18	.....	.....	.....	82	.....
Eczema.....	.....	.....	.....	.....	.....	.....	9	.....
Erysipelas.....	.....	.....	.....	.....	.....	.....	6	.....
Cancer.....	68	.....	7	.....	1	.....	15	.....

*Causes of condemnation of carcasses and parts of carcasses, fiscal year 1904—Continued.*

Cause of condemnation.	Cattle.		Sheep.		Calves.		Hogs.	
	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.
Tumor .....	12	2	4	.....	.....	1	538	290
Abscess .....	71	709	83	17	10	15	740	853
Pneumonia .....	201	.....	362	1	26	.....	1,137	.....
Pleurisy .....	3	.....	19	11	4	.....	115	12
Carditis .....	.....	.....	2	.....	.....	.....	.....	.....
Enteritis .....	32	.....	132	.....	18	.....	271	.....
Peritonitis .....	222	.....	88	.....	38	.....	551	.....
Metritis .....	25	.....	16	.....	.....	.....	175	.....
Nephritis .....	11	.....	45	.....	5	.....	52	.....
Uremia .....	4	.....	31	.....	8	.....	21	.....
Mammitis .....	.....	.....	1	.....	.....	.....	.....	59
Septicemia .....	255	.....	175	.....	48	.....	677	.....
Pyemia .....	392	.....	200	.....	49	.....	2,594	.....
Gangrene .....	35	.....	10	4	8	16	31	.....
Anemia, emaciation, marasmus .....	1,870	.....	3,833	.....	356	.....	611	.....
Ascites .....	13	.....	58	.....	1	.....	45	.....
Jaundice .....	8	.....	647	.....	15	.....	926	.....
Extreme temperature, various causes .....	.....	.....	42	.....	1	.....	1,550	.....
Pregnancy .....	90	.....	63	.....	.....	.....	171	.....
Recent parturition .....	66	.....	13	.....	.....	.....	42	.....
Hernia .....	.....	.....	4	.....	.....	.....	9	.....
Downers, bruised, injured, etc .....	1,381	1,514	905	157	176	82	306	6,752
Dead from various causes .....	1,270	.....	2,866	.....	385	.....	15,815	.....
Too young .....	.....	.....	.....	.....	1,258	.....	.....	.....
Killed by city inspectors .....	1,682	.....	1,064	.....	1,285	.....	13,248	.....
Arthritis .....	4	.....	1	.....	4	.....	.....	.....
Tapeworm .....	.....	.....	1	.....	.....	.....	.....	.....
Pulmonary apoplexy .....	.....	.....	42	.....	3	.....	.....	.....
Improper bleeding .....	.....	.....	1	.....	.....	.....	.....	.....
Flukes, hydatids, etc .....	.....	.....	1	85	.....	.....	.....	.....
Distoma .....	.....	.....	2	.....	.....	.....	.....	.....
Edema .....	.....	.....	2	.....	1	.....	.....	.....
Melanosis .....	.....	.....	1	.....	3	.....	.....	.....
Asphyxia .....	12	.....	.....	.....	.....	.....	.....	.....
Total .....	19,097	5,307	12,344	341	3,799	114	91,550	126,840

The following comparative statement of postmortem inspections for official abattoirs from 1891 to 1904 shows that this work the past year was greater than in any previous year in the history of the Bureau:

*Comparative statement of animals inspected at slaughter for abattoirs having inspection, fiscal years 1891 to 1904.*

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891 .....	83,889	.....	.....	.....	.....	83,889
1892 .....	3,167,009	59,089	583,361	.....	.....	3,809,459
1893 .....	3,922,079	92,947	870,512	.....	.....	4,885,538
1894 .....	3,861,594	96,331	1,020,764	7,648,146	.....	12,626,835
1895 .....	3,704,042	116,093	1,428,601	13,616,599	.....	18,865,275
1896 .....	3,985,484	256,905	4,629,796	14,250,191	.....	23,122,376
1897 .....	4,242,216	273,124	5,209,161	16,808,771	.....	26,533,272
1898 .....	4,418,738	244,330	5,496,904	20,893,199	.....	31,053,171
1899 .....	4,382,020	246,184	5,603,096	23,836,943	3,332	34,071,575
1900 .....	4,841,166	315,693	6,119,886	23,336,884	5,559	34,619,188
1901 .....	5,219,149	413,830	6,639,212	24,642,753	1,992	36,916,936
1902 .....	5,559,969	553,836	7,434,878	25,277,107	1,649	38,829,439
1903 .....	6,134,410	668,855	8,585,960	21,793,738	344	37,183,307
1904 .....	6,350,011	764,590	8,261,051	24,128,462	.....	39,504,114

The meat-inspection tag or label was placed upon 22,943,067 quarters and 120,404 pieces of beef, 8,230,528 carcasses of sheep, 765,301 carcasses of calves 1,122,193 carcasses of hogs, and 726,779 sacks of pork.

Following is shown the number of meat-inspection stamps that were affixed to packages of meat and meat products that had received the regular postmortem inspection:

*Meat-inspection stamps.*

Kind of meat.	Packages stamped (white stamps).
Beef.....	7, 487, 762
Mutton.....	42, 596
Veal.....	165
Pork.....	15, 524, 234
Total.....	23, 054, 757

The number of cars sealed, containing inspected meat and meat products for shipment to official abattoirs and other places, was 80,551.

INSPECTION OF EXPORT MEATS.

There were 37,151 certificates of ordinary inspection issued to cover meat and meat products for export, as follows: 1,530,474 quarters, 14,544 pieces, 3 carcasses, and 1,479,833 packages of beef, weighing 419,058,781 pounds; 2,131 carcasses, and 19,975 packages of mutton, weighing 712,089 pounds; 42,765 carcasses and 515,304 packages of pork, weighing 154,442,440 pounds; a grand total of 574,213,314 pounds.

Compared with the figures for 1903 this shows an increase in beef exports of 47,138,044 pounds, a decrease in mutton exports of 2,016,924 pounds, and an increase in pork exports of 21,319,830 pounds, being a net increase of 66,440,950 pounds.

The comparatively large decrease in the exports of mutton is explained by the fact that during a few previous years, on account of severe drought in Australia and New Zealand, the shipments of mutton from those countries to Europe were greatly reduced, so that there was an unusual demand for mutton from this country. The conditions last year having become normal, the trade in this class of product has decreased to its normal proportions.

Following is a comparative statement of beef, mutton, and pork exported under certificates of ordinary inspection during the past seven years:

*Comparative statement showing quantities of meat for export under certificates of ordinary inspection, 1898 to 1904.*

Fiscal year.	Beef.	Mutton.	Pork.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1898.....	339, 650, 091	324, 996	244, 956, 482
1899.....	360, 843, 856	525, 705	278, 696, 435
1900.....	438, 138, 233	680, 897	272, 050, 663
1901.....	452, 830, 373	894, 648	231, 144, 938
1902.....	416, 990, 762	1, 145, 248	188, 360, 011
1903.....	371, 920, 737	2, 729, 013	133, 122, 610
1904.....	419, 058, 781	712, 089	154, 442, 440



The cost of the work of ordinary inspection (interstate trade as well as exports) for the year was \$781,590.95.

#### MICROSCOPIC INSPECTION OF PORK.

The total number of carcasses examined for trichinæ was 315,045, classified as follows: Class A (free from all appearances of trichinæ), 307,621, being 97.64 per cent; Class B (containing trichinæ-like bodies or disintegrating trichinæ), 4,773, being 1.52 per cent; Class C (containing live trichinæ), 2,651, being 0.84 per cent.

The number of certificates issued for microscopically inspected pork was 1,576; the number of packages stamped for export was 30,734, weighing 9,020,521 pounds, being a decrease from the previous year of 10,087,820 pounds. This very large decrease is due to the falling off of our trade with Germany, the latter being our chief customer among the countries requiring microscopic inspection. The new German fiscal regulations operated against our trade in the past year to the extent that our shipments fell, in approximate figures, from 15,000,000 pounds in 1903 to 5,000,000 pounds in 1904.

The number of trichinous carcasses disposed of was 2,643; these weighed 612,912 pounds; 38.5 per cent of this amount was tanked, and 61.5 per cent was made into cooked meat products.

Following is a comparative statement of the quantity of pork exported to countries requiring certificates of microscopic inspection, 1892 to 1904.

#### *Exports of pork inspected with microscope.*

Fiscal year.	Weight.	Fiscal year.	Weight.
	<i>Pounds.</i>		<i>Pounds.</i>
1892 .....	22,025,698	1899 .....	108,858,149
1893 .....	8,059,758	1900 .....	55,809,626
1894 .....	18,845,119	1901 .....	35,942,404
1895 .....	39,355,230	1902 .....	33,681,229
1896 .....	21,497,321	1903 .....	19,108,341
1897 .....	42,570,572	1904 .....	9,020,521
1898 .....	120,110,356		

The cost of microscopic inspection for the year was \$53,934.01 being an average of 17.1 cents for each carcass examined and 0.6 cent for each pound exported.

#### INSPECTION OF VESSELS AND EXPORT ANIMALS.

The number of clearances of vessels carrying live stock was 774. The number of certificates of inspection issued for American cattle exported to Europe was 1,419.

Following is a statement of the number of American and Canadian animals inspected for export, the number exported, etc. As compared with similar figures for 1903 this statement shows an increase of 43.7 per cent in the number of American cattle exported, and an increase of 116.5 per cent in the number of American sheep exported; while the number of American horses exported in 1904 is shown to be nearly one-third less than the number exported in 1903.

*Number of inspections, etc., of American and Canadian animals for export, fiscal year 1904.*

Kind of animal.	American.				Canadian.		
	Number of inspections.	Number rejected.	Number tagged.	Number exported.	Number inspected.	Number rejected.	Number exported.
Cattle .....	764, 126	3, 157	424, 689	a 414, 320	26, 370	8	26, 362
Sheep .....	474, 754	460	.....	b 241, 294	60, 096	47	60, 049
Horses .....	3, 258	2	2, 724	2, 649	35	.....	35

a 47,653 via Canada.

b 12,699 via Canada.

All the animals included in the above statement were exported to Great Britain, except 18,439 cattle, 11,135 sheep, and 111 horses to Belgium; 399 cattle, 137 sheep, and 1 horse to South Africa; 198 horses to Germany, and 4 horses to Italy.

In addition to the exports mentioned above there were also exported to other countries 1,749 cattle, 2,335 sheep, 10 horses, 20 swine, and 1 jackass, making a total of 4,115, destined as follows: 1,520 cattle, 2,036 sheep, and 10 horses to Bermuda; 298 sheep to Barbados; 203 cattle and 1 sheep to Brazil; 22 cattle, 20 swine, and 1 jackass to Argentina; 4 cattle to Mexico.

The number of American and Canadian animals landed alive and inspected by representatives of this Bureau, at London, Liverpool, and Glasgow, is shown in the statement below. The apparent discrepancy between this statement and the preceding statement showing the number exported is accounted for by the number of animals exported to countries other than Great Britain, and to such British ports as Hull, Bristol, and Manchester, where the Bureau has no representative:

*Statement showing number of animals inspected at time of landing in London, Liverpool, and Glasgow, and loss in transit, fiscal year 1904.*

From—	Cattle.			Sheep.			Horses.		
	Landed.	Lost.	Per cent of loss.	Landed.	Lost.	Per cent of loss.	Landed.	Lost.	Per cent of loss.
United States.....	360, 990	610	0.17	212, 299	2, 011	0.94	2, 353	13	0.55
Canada.....	19, 375	39	.20	57, 767	1, 555	2.62	35	.....	.....
Total .....	380, 365	649	.17	270, 066	3, 566	1.30	2, 388	13	.54

#### INSPECTION OF IMPORTED ANIMALS.

Animals were inspected for importation from Mexico, as shown below:

*Statement showing importation of Mexican animals, fiscal year 1904.*

Port of entry.	Cattle.	Sheep.	Swine.	Goats.	Horses.	Mules.	Asses.	Burros.	Dromedary.
Eagle Pass, Tex.....	.....	.....	.....	.....	6	.....	.....	.....	.....
El Paso, Tex.....	7, 603	.....	.....	.....	5	15	.....	.....	.....
Nogales, Ariz.....	3, 645	.....	15	13	140	65	7	.....	.....
San Diego, Cal.....	840	700	66	.....	154	15	2	3	.....
Laredo, Tex.....	.....	1	.....	.....	9	.....	1	.....	1
Total .....	12, 088	701	81	13	314	95	10	3	1



Inspections were also made at El Paso of animals imported from Mexico, in bond, as follows: 1,201 sheep in transit to Mexico; 9,461 cattle, 103 horses, and 7 mules in transit to Canada.

#### QUARANTINE AT PORTS OF ENTRY.

Heretofore there have been frequent arrivals at seaboard ports of animals of the ruminant class, and occasionally of swine, destined for menageries and parks, for which no permit had been obtained previous to shipment, although such a permit is required by paragraph 9 of Order No. 109 of this Bureau, being regulations concerning the inspection and quarantine of horses, neat cattle, sheep, and other ruminants, and swine imported into the United States. Recent instructions have been given to United States consuls, however, by the Secretary of State, which have removed all misunderstanding as to the meaning of the term "ruminants." All hay-eating animals are not ruminants, but such only as regurgitate a portion of their food for remastication, or, as it is commonly stated, "chew the cud." Asses, mules, zebras, and zebrules are admitted under the provisions of the regulations governing the importation of horses, and ruminants other than cattle and sheep, as provided for sheep.

#### IMPORTS OF PUREBRED DOMESTIC ANIMALS, ETC.

The importation of purebred cattle, sheep, and hogs during the year has been extremely light. There have been received at New York, the chief port of entry for animals for breeding purposes, in the classes named, and quarantined at the animal quarantine station for that port, located at Athenia, N. J., 266 cattle, 128 sheep, and 123 hogs. At the other ports on the Atlantic seaboard designated as ports of entry for import animals requiring inspection and quarantine, animals were entered as follows: At Boston, and quarantined at the animal quarantine station at Littleton, Mass., 17 cattle, 15 sheep, and 3 hogs; at Baltimore, and quarantined at the quarantine station at Halethorp, Md., 48 cattle, 2 sheep. While the importations of cattle and sheep, as well as hogs, have been light, there has been an unusual number of entries of other ruminants, such as are imported by owners of menageries and zoological collections, all of which are subject to inspection and quarantine.

#### IMPORTATIONS NOT SUBJECT TO QUARANTINE.

There have been imported through ports on the seacoast animals not subject to quarantine as follows:

*Numbers of animals imported not subject to quarantine.*

Country from which imported.	Horses.	Ponies.	Mules.	Asses.
Great Britain .....	1,523	3	1	2
Germany .....	204			6
Belgium .....	651			10
Italy .....	6			16
Egypt .....				15
Mexico .....	3	8	1	
Porto Rico .....	4	1		
Costa Rica .....	2			
Argentina .....	1			
Bermuda .....	10	1		1
Cuba .....	5			
Canada .....	16			
Iceland .....		2		
Total .....	2,425	15	2	50

## QUARANTINE AGAINST HOLLAND WITHDRAWN.

It having been shown that Netherlands was free from contagious foot-and-mouth disease and other contagious and infectious diseases of animals, for the existence of which this Department prohibited their importation, the embargo was withdrawn from Holland cattle by the order of the Secretary under date of February 24, 1904, in Amendment No. 2 to Order No. 109, of the Bureau of Animal Industry.

## FOOT-ROT OF SHEEP.

Considerable difficulty was experienced in securing suitable material for the continuation of investigations as to the cause of foot-rot of sheep; but an outbreak among a flock in West Virginia and the arrival at the Buffalo stock yards of a flock from the West, 75 per cent of which were lame, furnished the desired subjects. From these sheep the constant presence of the *Bacillus necrophorus* in all of the affected feet was fully established.

This microorganism has been previously recognized as the causative agent in the development of ulcerous, necrotic lesions in several diseases of domestic animals, and tests made with it upon the feet of healthy sheep have shown that it is capable, when applied in pure culture, of producing lesions which closely resemble those found in cases of foot-rot resulting from natural infection. The tests have also shown that its use, in association with the other microorganisms present in affected feet, will produce the disease in its typical form; while the use of these same associate bacteria without the presence of the *Bacillus necrophorus* will produce no lesion upon the healthy foot. Basing deductions upon the above facts, it seems reasonable to conclude that the *B. necrophorus* must be present before a true case of foot-rot can develop in sheep. A bulletin, emanating from the Pathological Division, treating of the nature, cause, and treatment of this disease, is now in the hands of the printer.

## PRESENCE OF GID OF SHEEP IN THE UNITED STATES.

During a recent trip to Montana by the acting zoologist of this Bureau, specimens of a bladderworm were obtained from the brain of a sheep which seem to be identical with the gid bladderworm, *Cænurus cerebralis*, of Europe, and it produced similar symptoms. This bladderworm, the adult stage of which (*Tænia cænurus*) lives in the intestines of dogs, is very common in the Old World, and is one of the most dangerous and destructive parasites with which sheep may be infested. A few years ago it was said that 1,000,000 sheep die from it annually in France, and the losses in Germany have been put at 15 per 1,000 in the first year of life, 5 in the second year, 2 in the third year, and 1 in the fourth. In England, although the parasite seems to be less common than formerly, the mortality at times in some flocks is as high as 35 per cent. The only practicable treatment lies in prevention, which consists principally in keeping the dogs free from tape-worms by frequent dosing with vermifuges and by preventing them from eating the uncooked brain or spinal cord of infected sheep. Until the present time no well-established cases have been reported from the United States, which is rather remarkable in the face of numer-



ous importations from Europe both of sheep and dogs, some of which must certainly have been infected. Although the conditions existing in this country are perhaps unfavorable to the parasite, so that it has been unable to gain a foothold, and although so far it may have caused little damage, its presence here is, nevertheless, a constant menace; and there is danger that, if unchecked, it will in the future become as serious a pest in the United States as it is in Europe. It is therefore important that a careful investigation of this parasite be made in this country, and that thorough measures be taken to prevent its dissemination.

#### TUBERCULOSIS.

The work on tuberculosis is being conducted in two divisions of the Bureau. In the Pathological Division the comparative study of tubercle bacilli which were obtained from a number of varied sources has been in constant progress during the entire year, having been continued under the same conditions as those inaugurated at the commencement of this investigation.

Additional cultures have been obtained from a tuberculous parrot and from a raccoon, the disease in each case being the result of natural infection. In addition to these, tuberculous specimens have been received which were taken from a snake, a monkey, a Philippine deer, and from a number of hogs and cattle. While bacilli from none of these latter have been grown artificially, the specimens have been used to demonstrate the form of bacillus present in each case, its manner of grouping, and the character of lesion produced by it in its natural host. Experiments have been made with two cultures of slight virulence for the purpose of determining the conditions under which an added degree of virulence may be given them. These investigations are about concluded and the results are now in course of preparation for publication.

In the Biochemic Division the experiments concerning the intercommunicability of human and bovine tuberculosis have been completed, and Part I of Bulletin No. 52, entitled "The Virulence of Human and Bovine Tubercle Bacilli for Guinea Pigs and Rabbits," has been published. Parts II and III of this bulletin are now in manuscript form and are about ready for the printer. Considerable delay in the publication of the last two parts of this bulletin has been caused by the death of Dr. E. A. de Schweinitz, the former chief of this division.

The results of our experiments concerning the infectiousness of human tuberculosis for cattle, and also those experiments concerning the comparative virulence of human and bovine tubercle bacilli for other animals, may be briefly summarized as follows: Nine fresh cultures of tuberculosis from as many different cases of that disease in human beings were isolated; four of these cultures were isolated from children affected with generalized tuberculosis. None of the cultures isolated from adults exhibited a degree of pathogenic power for cattle which was in any way comparable to that usually manifested by the bovine tubercle bacillus. Of the four cultures isolated from children, however, two produced a generalized tuberculosis in calves after subcutaneous inoculation, and the lesions produced were quite as severe as those produced by a fresh culture of the bovine tubercle bacillus which was isolated from a case of natural tuberculosis in a cow. A third one of the cultures from children, while distinctly less virulent than the

two just mentioned, was able to bring about a localized infection, which spread from the point of inoculation to several of the neighboring lymph glands. This third culture should be considered pathogenic for cattle, though in a distinctly less degree than the ordinary bovine bacillus.

The inoculation experiments with hogs and rabbits gave results quite similar to those obtained with cattle, two of the human cultures (from children) being indistinguishable from the bovine bacillus in respect of their action upon these animals. The inoculation of guinea pigs brought out no distinctions that were worthy of note between the various cultures.

These experiments, it is believed, go to show conclusively that it is an error to conclude that cattle can not be infected with human tuberculosis; and they also indicate that the children from which the two most virulent cultures were obtained were either infected from bovine sources or that certain forms of human tubercle bacilli are indistinguishable from bovine bacilli, both with regard to their virulence and cultural characteristics; furthermore, they agree in general with those of the great majority of investigators who have studied this subject during the past two years. These experiments not only justify but show the desirability of a rigid enforcement of public regulations looking to the control and the eradication of tuberculosis in cattle.

At the experiment station of the Bureau certain features of investigations in tuberculosis are carried on. Cow No. 218, to which reference was made in my last report, is still there. This cow received an injection of human tubercle culture into one quarter of the udder over two years ago. The injection was made so as to prevent any injury to the tissues other than such as would result from the presence of the infected germs. The material secreted by the injected quarter of the udder continues to show the presence of the tubercle germs, and is infectious for guinea pigs on subcutaneous injection. The cow has lately dropped a calf, and it will be interesting to observe whether the latter contracts the disease.

#### THE DISTRIBUTION OF TUBERCULIN.

During the past year there were prepared in the biochemic laboratory and sent to the various States and Territories and foreign countries enumerated below about 74,000 doses of tuberculin. It may be noted that there was an increase for the year of more than 50 per cent in the amount of tuberculin sent out over that for the fiscal year ended June 30, 1903, when the total amount distributed was 47,358 doses:

#### *Doses of tuberculin distributed, fiscal year 1903-4.*

	Doses.		Doses.
California.....	152	Maine.....	123
Colorado.....	250	Maryland.....	344
Connecticut.....	54	Massachusetts.....	17,016
District of Columbia.....	239	Michigan.....	415
England <sup>a</sup> .....	600	Minnesota.....	19,294
Illinois.....	20	Missouri.....	112
Indiana.....	24	Montana.....	11,000
Iowa.....	450	Nebraska.....	201
Kansas.....	306	New Jersey.....	1,960

<sup>a</sup> For testing cattle offered for importation into the United States.

*Doses of tuberculin distributed, fiscal year 1903-4—Continued.*

	Doses.		Doses.
New Mexico .....	174	Utah .....	92
New York .....	993	Vermont.....	12, 256
North Carolina.....	258	Virginia .....	12
North Dakota.....	135	Washington.....	3, 926
Ohio .....	204	Wisconsin .....	3, 010
Oklahoma .....	102		
Oregon .....	130	Total .....	73, 912
Porto Rico .....	60		

## THE TUBERCULIN TEST IN ENGLAND.

The work of the official veterinarian stationed at London, England is in accordance with Order No. 79 of this Bureau, dated November 10, 1900, which provides for the testing with tuberculin by the inspector of this Bureau of all cattle over six months old which are to be imported into the United States for breeding purposes. During the year this work has diminished because of fewer importations of pure-bred animals. The inspector has tested of the different breeds in various parts of Great Britain and Holland as follows:

*Results of tuberculin test in England and Holland of cattle for importation*

Breed.	Passed.	Rejected.	Breed.	Passed.	Rejected.
Shorthorn .....	11	3	Galloway .....	78	0
Aberdeen Angus .....	7	2	Holstein <sup>a</sup> .....	90	29
Ayrshire.....	4	3			
Guernsey.....	11	0	Total.....	202	37
Hereford .....	1	0			

<sup>a</sup> Tested in Holland.

## BLACKLEG INVESTIGATIONS.

The routine work in the Pathological Division of preparing and distributing blackleg vaccine has been continued as heretofore. The number of doses sent out has fallen off somewhat, but the number of persons supplied is slightly greater than for the previous year. It is interesting to note from the second statement below that during the fiscal year 1903 over 1,000,000 doses of vaccine have been used and reported upon by over 10,000 persons with highly satisfactory results. The number of mistakes made may be accounted for by the number of persons making use of vaccine for the first time and their consequent unfamiliarity with its application. The appended tables give the quantity of blackleg vaccine distributed during the past year and the immunizing effects of the vaccine sent out during the previous year.

*Doses of vaccine distributed during the fiscal year ended June 30, 1904.*

July 1 to December 31, 1903:	Doses.
July.....	49, 735
August.....	54, 365
September.....	153, 570
October.....	217, 995
November.....	188, 865
December .....	115, 130



January 1 to June 30, 1904:

	Doses.
January .....	84, 290
February .....	71, 630
March .....	147, 600
April .....	138, 055
May .....	71, 175
June .....	44, 440
Total .....	1, 336, 580

*Results obtained from vaccine distributed during the fiscal year ended June 30, 1903.*

State or Territory.	Number of reports.	Number of cattle vaccinated.	Deaths same season previous to vaccination.		Died after vaccination.					
			Number.	Per cent.	Within 48 hours.	From 2 to 7 days after.	Within 1 year.	Number of cases due to mistakes.	Total number.	Percentage of deaths.
Arizona .....	5	624	25	4.01	.....	1	4	1	6	0.96
Arkansas .....	14	917	46	5.01	.....	.....	3	.....	3	.32
California .....	518	76, 991	1, 251	1.62	12	43	304	.....	359	.16
Colorado .....	664	95, 427	1, 094	1.14	20	53	299	1	373	.39
Idaho .....	52	4, 907	93	1.89	.....	3	15	.....	18	.36
Illinois .....	29	1, 028	61	5.93	1	1	3	2	7	.68
Indiana .....	4	79	8	1.12	.....	.....	.....	.....	.....	.....
Indian Territory .....	94	11, 064	406	3.66	5	11	35	.....	51	.46
Iowa .....	170	9, 855	277	2.81	.....	4	43	7	54	.54
Kansas .....	1, 358	114, 249	2, 679	2.34	17	60	257	105	439	.38
Kentucky .....	40	1, 889	130	6.88	.....	.....	7	1	8	.42
Michigan .....	6	166	12	7.22	.....	.....	.....	1	1	.60
Minnesota .....	67	3, 603	148	4.10	.....	.....	11	2	13	.36
Missouri .....	813	34, 873	982	2.81	.....	28	127	38	193	.55
Montana .....	412	48, 207	794	1.64	3	20	84	25	132	.27
Nebraska .....	2, 132	167, 173	3, 390	2.02	4	59	643	221	927	.55
Nevada .....	2	259	10	3.86	.....	.....	.....	.....	.....	.....
New Hampshire .....	3	42	3	7.14	.....	.....	.....	.....	.....	.....
New Mexico .....	43	8, 764	68	.77	.....	6	20	6	32	.36
New York .....	16	653	6	.91	.....	.....	4	.....	4	.61
North Carolina .....	20	740	45	6.08	.....	1	1	.....	2	.27
North Dakota .....	614	62, 606	1, 626	2.59	3	31	246	36	316	.50
Oklahoma .....	224	19, 443	387	1.99	.....	21	76	6	103	.52
Oregon .....	143	19, 288	368	1.90	.....	12	25	14	51	.26
South Dakota .....	613	53, 285	1, 299	2.43	8	41	269	50	368	.69
Tennessee .....	74	2, 464	99	4.01	1	3	18	.....	22	.89
Texas .....	1, 115	205, 020	3, 328	1.62	20	178	1, 207	126	1, 531	.74
Utah .....	25	5, 364	29	.54	.....	5	4	15	24	.44
Vermont .....	4	75	2	2.66	.....	.....	.....	.....	.....	.....
Virginia .....	361	12, 224	442	3.61	1	12	48	1	62	.50
Washington .....	24	965	2	.20	.....	.....	.....	.....	.....	.....
West Virginia .....	119	2, 928	99	3.38	11	2	9	1	23	.78
Wisconsin .....	2	223	6	2.69	.....	.....	.....	.....	.....	.....
Wyoming .....	308	53, 361	485	.90	1	22	149	11	183	.34
Other States .....	8	1, 073	25	2.30	.....	.....	7	.....	7	.65
Total .....	10, 096	1, 019, 829	19, 795	1.93	107	617	3, 918	670	5, 312	.52

From the above table it will be seen that 670 cattle died as result of mistakes admitted by the stock owners, while 107 animals died of blackleg within forty-eight hours after the injection, thereby indicating that these latter animals were affected with the disease prior to vaccination. In determining the value of blackleg vaccine it seems proper to deduct these numbers from the total number of deaths following vaccination. After eliminating these deaths, which could not be attributed to any fault of the vaccine, the number of cases that died after vaccination is reduced to 4,535, or 0.44 per cent.

## TEXAS FEVER.

An interesting condition relative to the persistence of the Texas fever organism in the blood of southern cattle after their removal from the so-called permanently infected territory was observed a second time this year at the experiment station. In the year 1901 a cow in-

jected with blood from an old southern cow, No. 113, became affected with Texas fever. In the year 1902 two cows injected with blood from the same southern cow failed to become affected, while two other cows injected with blood from another southern cow, No. 1, suffered attacks of Texas fever. At that time cow No. 113 had been removed from the permanently infected Texas fever territory thirteen years, and cow No. 1 seven years. In the year 1903 there was no test of the blood of southern cattle. This year (1904) two cows were injected with blood from southern cow No. 214, and four cows with blood from cow No. 113. The cows injected from No. 214 suffered with severe Texas fever, as a result of which one of them died. The four cows injected from No. 113 remained well. Two of the latter were subsequently injected with blood from No. 214, and one remained well, and the other became affected with Texas fever, thus showing conclusively that the absence of disease following the injection with blood from cow No. 113 was not due to immunity on the part of the animals injected. Cow No. 214, which unfortunately died this summer as the result of tuberculosis, was removed from the Texas fever territory in the year 1892; that is, thirteen years before the last injections were made. The infection in the blood of cow No. 113 persisted during twelve years, and was entirely absent in the thirteenth and fifteenth years after removal from all known sources of infection or reinfection. Cow No. 113 is now affected with generalized tuberculosis and will probably die in the course of the next few months.

In the biochemic laboratory during the past year a large number of analyses of oils and various dips recommended for the destruction of the tick known as *Boophilus annulatus* have been made, and, in addition, experiments have been instituted to determine the effect of these various dips upon these ticks and the relation of the composition of the various oils to their effect upon the ticks. This work, however, has not yet been completed.

The operations of the Bureau, as related to the control of Texas fever during the quarantine season of 1903, included the inspection and proper yarding at packing centers of 46,505 carloads of cattle from below the quarantine line, the number of animals being 1,350,623; also, supervision of the cleaning and disinfection of 45,589 cars.

There were also inspected in the noninfected area of Texas 179,116 head of cattle, which were permitted to be moved north for purposes other than immediate slaughter.

#### NECROTIC STOMATITIS OF CALVES AND PIGS.

The investigations on the bacteriology and pathology of so-called calf diphtheria announced in the last report have been brought to a successful termination. There will soon be issued a bulletin upon the subject, in which, as a result of careful and exhaustive study of the lesions, the name "necrotic stomatitis of calves" will be adopted in preference to the misleading term "calf diphtheria."

In the course of these researches a few cases of "sore mouth" in pigs were studied with the result that the peculiarly beaded filament of *Bacillus necrophorus* was isolated, and a demonstration obtained of its pathogenic relation to what we have called "necrotic stomatitis of pigs." The great difficulty in isolating the organism from diseased tissues and the peculiarity of its pleomorphism and anaerobic growth

have conspired to make the work slow and at times tedious. The bulletin will not only describe the character, cause, and treatment of necrotic stomatitis, but will also prove the entire absence of any connection whatever between the diphtheria in human beings and so-called calf diphtheria.

#### HOG CHOLERA AND SWINE PLAGUE.

The experiments concerning hog cholera and swine plague have been continued by the investigations in the Biochemic Division and at the experiment station. As noted in Circular No. 41, issued October 1, 1903, certain new and apparently important facts concerning the etiology of hog cholera have been discovered. Under these circumstances it has been thought advisable to investigate thoroughly the etiology of hog cholera, in order that we may proceed more intelligently in our efforts to discover a cure or preventive for this disease. Therefore, during the past six or eight months our chief efforts have been directed to a study of the causes and methods of producing hog cholera; the great importance of securing a vaccine for this disease, however, is being kept constantly in mind. Certain methods of producing immunity, the value of which has not yet been definitely determined, are indicated in Circular No. 43 of this Bureau, which was published in February, 1904. The experiments concerning the etiology of hog cholera have been beset with many difficulties and adverse circumstances, but progress is being made, and it is confidently hoped that during the fall of the present year we may be able to publish the results of our investigations.

#### GLANDERS.

In December, 1903, an official of the Pathological Division was sent to West Point, N. Y., to confirm, if correct, the diagnosis of a supposed outbreak of glanders among the army horses at the United States Military Academy. Clinical examination of the suspected cases and necropsies on five of these animals showed the presence of glanders, which diagnosis was further confirmed by laboratory inoculations. A full report was made to Col. Albert Mills, Superintendent of the Academy, embodying recommendations for the testing of the horses with mallein, the disinfection of the stables, the isolation of the affected animals, and such other measures as are essential for the suppression and eradication of the disease.

During the year there have been prepared in the biochemic laboratory and distributed to various States and Territories 7,197 doses of mallein, which amount is approximately the same as reported for the previous year. The details of the distribution are as follows:

#### *Distribution of mallein to States and Territories.*

	Doses.		Doses.
Arizona.....	12	Montana.....	204
California.....	504	Nebraska.....	24
Colorado.....	54	North Dakota.....	608
District of Columbia.....	2, 174	Ohio.....	462
Illinois.....	672	Oklahoma.....	136
Iowa.....	60	Philippine Islands.....	54
Kansas.....	30	South Carolina.....	60
Maryland.....	2	Vermont.....	60
Michigan.....	48	Washington.....	36
Minnesota.....	1, 738		
Missouri.....	259	Total.....	7, 197



## RABIES.

Investigations regarding the presence of rabies in the vicinity of Washington, D. C., have been continued during the year. Of the 38 suspected cases examined, positive results have been obtained with 19 dogs, 2 cows, and 1 hog, of which number 13 were from the District of Columbia, 1 from Maryland, 7 from Virginia, and 1 from South Carolina. The results of the inoculation of oblongata emulsion and histological examination of the plexiform ganglia, together with the number of persons and animals bitten, and the species and origin of the animal affected, are given in the following table:

*Results of inoculation tests and microscopic examination for rabies.*

Date.	Record No.	Kind of animal.	Received from—	Result of inoculations.	Diagnosis by histological examination.	Persons or animals bitten.
1903.						
July 3	306	Dog ...	District of Columbia ...	Positive ...	Positive .....	1 dog.
July 27	308	...do...	...do...	...do...	None made...	
Aug. 18	311	Hog ...	Norfolk, Va. ....	...do...	...do...	
Aug. 24	313	Dog ...	District of Columbia ...	...do...	...do...	
Sept. 21	315	...do...	...do...	...do...	Not typical	
Oct. 5	317	Cow ...	Frederick, Md ...	...do...	None made...	
Oct. 29	319	Dog ...	District of Columbia ...	...do...	Positive .....	1 boy.
Do..	320	...do...	...do...	None made.	...do...	
Dec. 9	322	...do...	Norfolk, Va. ....	Positive .....	...do...	1 girl.
Dec. 12	323	...do...	District of Columbia ...	...do...	...do...	
Dec. 31	324	...do...	Ridgeway, S. C. ....	...do...	...do...	Dogs, chickens, and several persons.
1904.						
Jan. 27	325	Dog ...	Leesburg, Va. ....	Positive ...	None made...	
Feb. 6	326	Cow ...	...do...	...do...	...do...	
Mar. 16	327	Dog ...	District of Columbia ...	...do...	...do...	
Mar. 30	329	...do...	Rosslyn, Va. ....	...do...	Positive .....	1 girl and several dogs.
Do..	330	...do...	District of Columbia ...	...do...	None made...	
Apr. 2	331	...do...	...do...	...do...	...do...	
Apr. 24	332	...do...	...do...	...do...	Positive .....	
Apr. 26	334	...do...	Norfolk, Va. ....	...do...	...do...	2 persons.
May 4	336	...do...	District of Columbia ...	...do...	None made...	
May 29	339	...do...	...do...	...do...	Not typical...	1 dog.
June 11	341	...do...	Purellville, Va. ....	...do...	None made...	

## INFECTIOUS ENTERITIS OF PIGEONS.

Several reports have reached this Bureau during the past few months of a rapidly fatal disease among pigeons; and as the economic importance of it has been established, it is desired to institute a rigid investigation relative to the causative agent, the preventive and curative treatment, and the methods of dissemination.

Out of seven reported outbreaks 19 birds have been examined in the Pathological Division, which represent a total number of about 300 deaths, amounting to 25 per cent loss of those affected. An actively motile bacillus, belonging to the enteritidis group, has been isolated from the brain, heart, liver, spleen, and kidney of the dead birds; and when this organism has been tested on experimental animals, either by inoculation, feeding, or cohabitation, a similar disease is produced, from which the specific bacillus may be recovered. Thus far the organism has proved pathogenic for pigeons, rabbits, guinea pigs, and mice, and the resulting disease of these animals is characterized by marked intestinal inflammation, with fatty degeneration of the liver and punctiform areas of necrosis in the liver and spleen. Further experiments are now being conducted.

## EXPERIMENTS IN POULTRY FEEDING.

During the past fiscal year the results of the preliminary experiments conducted by the Biochemic Division to determine the digestion coefficients of some of the more common grains for chickens have been published as Bulletin No. 56 of this Bureau. These experiments involved a great deal of labor, inasmuch as they constitute almost pioneer work in this line with chickens. The following provisional conclusions may be drawn from the work already completed:

(1) The crude protein and nitrogen-free extract are assimilated in much greater proportion with corn than with oats.

(2) The availability of the crude fat of corn is slightly greater than that of oats.

(3) The digestibility of the crude fat of wheat is conspicuously less than that of corn and oats.

(4) Chickens consume a much greater quantity of corn than oats.

(5) The nutritive superiority of corn over oats is indicated by an increase in body weight when corn is fed, while there is a tendency to the opposite direction when oats is the sole article of diet.

(6) The nutrients of corn are fed at a lower cost than those of oats and wheat. This conclusion is based upon the actual availability of the various nutrients of the grains.

The poultry experiments are being carried further and involve the feeding of mixed diets of corn, oats, and wheat. From these experiments it is hoped that some data may be obtained which will be of practical use to poultry raisers.

## INVESTIGATIONS OF THE PARASITES OF LIVE STOCK IN MONTANA.

An investigation of the parasites of live stock in the State of Montana was undertaken by the Zoological Division in May of the present year with the primary object of discovering a possible relation between the so-called loco disease of cattle, sheep, and horses and the presence of animal parasites. This investigation was confined entirely to Park County, where the disease has been prevalent for many years, entailing constant and serious loss among live stock, especially sheep. Many cases of the disease were seen among sheep, as high as 10 per cent of some flocks being affected. In the fall the percentage is higher and the symptoms more pronounced. Numerous autopsies were performed on diseased and on healthy sheep. One herd of cattle was seen in which two years ago 20 per cent were said to have been lost from the effects of loco. At the time they were seen, however, the animals were in good condition; only a few showed symptoms of the disease, and in so slight a form that it did not seem warrantable to sacrifice any for post-mortem examination. Two "locoed" horses were seen, and one was killed and an autopsy performed. For the purpose of experiments on the life history of their parasites and for further study of the loco disease, a number of parasitized and "locoed" sheep were procured for shipment to the zoological laboratory at Washington.

Numerous parasites were collected from diseased and healthy sheep and from the locoed horse, some of them being species not yet described. A hasty biological examination was made of a number of small mountain ponds frequented by stock. Incidentally parasites were collected from prairie dogs, birds, fish, etc. A mite of an

unknown species was collected from a prairie dog badly affected with mange. The notes and material gathered during the trip have not been worked up and therefore no definite results can be reported at this time.

#### MISCELLANEOUS WORK IN RELATION TO DISEASES OF ANIMALS.

Much attention has also been given in the Pathological Division to various minor subjects, among which are the following: The study of an outbreak of forage poisoning among the horses at Charlotte, N. C., and at Arlington, Va., in which no macroscopic or microscopic lesions of leucoencephalitis could be found; the experimental study of the *Aspergillus fumigatus*, and the preparation of an article, entitled "Aspergillosis of birds," based on this investigation; the publication of a paper on milk fever, with a description of an instrument for the application of the new air treatment; the preparation of an article regarding the pathological findings and inoculation experiments in a case of rabies in a woman; the monthly renewal of 89 stock cultures of different microorganisms which are maintained for exchange and comparison with those of other investigators; and the preparation and installation of a pathological and bacteriological exhibit at the New England Exhibition of Arts and Crafts, Providence, R. I., and at the Johns Hopkins University, Baltimore, Md., on the occasion of the Maryland Tuberculosis Exhibition, and at the Louisiana Purchase Exposition, St. Louis, Mo.

In the Biochemic Division analyses were made of a large number of substances said to contain nicotine and which were submitted to the Bureau for its approval for use in the preparation of the nicotine dip for sheep scab. A large number of kretol dips were also examined chemically. A thorough chemical examination was made of a lot of ensilage supposed to be the cause of the death of a large number of horses and mules on the Department farm at Arlington, without, however, the discovery of any substances which could be held responsible for the disease in the animals.

Numerous identifications have been made in the Zoological Division of parasites sent to the Bureau by veterinarians, physicians, farmers, etc. The collection has been increased by exchange and collection. An exhibit of parasites was prepared for the Louisiana Purchase Exposition. A bulletin (No. 60) concerning the nematode parasites of the eyes of chickens and other birds has been prepared and is now in press. This bulletin contains also an article on two important tapeworms of chickens. Mr. Stevenson, of the zoological laboratory, has prepared a circular on a hitherto undescribed parasitic nematode which was the cause of the loss of nearly the entire flock of fancy pigeons in which it was discovered.

The work of publication of the "Index-Catalogue of Medical and Veterinary Zoology" has continued, and during the year the "D," "E," and "F" authors have been issued, while the "G" and "H" authors are now in press.

#### AUTOPSIES ON WILD ANIMALS.

Postmortem work for the National Zoological Park continues to play an important rôle in the routine work of the pathological laboratory.



Reports were made on 55 such postmortem examinations. A bacteriological examination of the tissues of many of these animals was made in order to determine definitely the presence of infectious diseases. These investigations, while only fruitful in the demonstration of a few such diseases, were nevertheless carried out consistently in those cases which seemed to justify it.

#### THE EFFECT OF PRESERVATIVES UPON DIGESTIVE ENZYMES.

The experiments instituted to determine the effect of various preservatives upon the digestive enzymes and upon the digestibility of milk have been completed. These experiments were conducted in the Biochemic Division, and the results are given in detail in the annual report of this Bureau for 1903.

#### WORK IN THE INTEREST OF THE DAIRY.

##### INSPECTION OF RENOVATED BUTTER.

During the year a large part of the work of the Dairy Division has been the administrative service assigned to it in connection with the act of Congress, approved May 9, 1902, concerning the manufacture, interstate commerce, and export of renovated butter. This has been the second fiscal year of the operation of this law, and the inspection service has become fully organized and well regulated. The ten dairy inspectors have been appointed upon certification from the Civil Service Commission, based upon special examinations, and the corps has proved efficient and satisfactory.

The law mentioned is now operating without friction, but experience for two years in its administration has developed certain features of weakness and indicated amendments which are needed for its greater efficiency. This subject will be presented as a special report at an early date.

The Treasury Department has reported 73 different factories having been licensed and bonded during the year for the manufacture of renovated butter, as against 82 for the year before. These were located in 14 States and the District of Columbia. Thirty-four of the factories have been in operation throughout the year; 9 commenced operations in July, 1903, but ceased manufacturing before the close of the year, and 18 began operating subsequent to July and continued until the end of June, 1904. One factory which was licensed did not operate.

During the year the dairy inspectors, assisted by the chief of the Dairy Division, have repeatedly inspected the renovated butter factories in operation and have inspected the markets in 274 cities and towns in 44 different States and Territories. The market inspections have been for the purpose of ascertaining the extent to which renovated butter is commercially distributed and the conditions under which it is sold at wholesale and retail. Advice has been given to many distributors and dealers as to maintaining the commercial identity of the article, questionable practices have been corrected, and inspectors have cooperated with United States Treasury officials in enforcing the observance of the revenue features of the law.

The total quantity of renovated butter made at bonded factories during the fiscal year 1903-4 has been first reported (August, 1904) as 54,006,595 pounds. This is subject to revision when final reports are compiled. This shows a total rather less than the year previous, due

to discontinuance of several small factories and a decrease of business by several others. But the larger factories nearly all report an output greater than the year preceding. The average production for the two years during which the law has been in force has been from 8 to 10 per cent greater than the estimated product of the 55 factories in operation during the year 1901-2.

Officers of the Department inspected 144 different lots of renovated butter for export, comprising 1,312,000 pounds, and certified the same to foreign countries during the first year of the operation of the law. During the second year, 367 lots have been inspected and certified for export, amounting to 3,118,018 pounds. Exports of this commodity have thus considerably more than doubled in quantity the past year.

#### INCREASE AND IMPROVEMENT OF RENOVATED BUTTER.

These facts show conclusively that the business of manufacturing renovated butter, as well as the exportation thereof, has prospered and materially increased since the act of May 9, 1902, took effect.

The average quality of renovated butter is still improving. The difference in general character between the product of the past year and the same commodity a few years ago is very marked. This is due in part to improved machinery and processes, and largely to the better average quality and condition of the "packing stock" or raw material used. Stock is now kept comparatively closely collected in the producing districts, so that accumulations of country butter at remote points and involving serious deterioration are of exceptional occurrence. More care is taken in sorting, packing, and storing the stock. Occasionally a lot of packing stock is found in such a condition of filth or putrefaction as to necessitate condemnation. In still rarer cases the manufactured product is found so bad, because of bad materials, ignorance, or negligence in renovating, or as the effect of age, as to make it unfit for food. In a few such instances the sanitary inspection required by law and made by this Department has caused the objectionable materials and products to be removed from the food market and sold as grease. But, as stated, such instances are very exceptional. Although there is still opportunity for great improvement in materials, in the manner of handling and transporting the same, in factory management, and in the finished product, it is true that manufacturers are endeavoring, as a rule, to improve conditions at all points and are ambitious to win a reputation for producing an article of high quality.

#### BUTTER FOR THE NAVY AND THE ARMY.

The Dairy Division has continued to assist in procuring butter for the use of the United States Navy by perfecting specifications for manufacture under contract and supervising the execution of contracts. Under this system, which includes inspection by officers of this division, over 700,000 pounds of butter have been purchased during the year by the Navy Department, and the latter has acknowledged the service rendered and its satisfactory results. A much less quantity has been inspected for the Army, upon the application of purchasing officers of the Subsistence Department.

#### BACTERIOLOGY OF BUTTER AND CHEESE.

The experiments concerning the bacteriology of butter and cheese, which were mentioned in the last annual report of this Bureau, and



which are being carried out by the Biochemic Division and the Dairy Division, have been continued. The first report of this work is embodied in Bulletin No. 57, of the Bureau of Animal Industry, and deals with the keeping qualities of canned butter. The results described therein seem to indicate that the changes which occur in canned butter and which consist in the development of disagreeable flavors are probably due to the action of enzymes, which enzymes may be produced by the action of bacteria or secreted in the udders of cows. A second paper, Bulletin No. 62, entitled "The Relation of Bacteria to Flavors in Cheddar Cheese," has also been published. These experiments are being carried further to determine the source of the enzymes producing disagreeable flavors in butter, and also to determine, if possible, the best method of avoiding their presence in butter which is made under practical conditions.

#### LINES OF RESEARCH.

Several lines of original investigation have been inaugurated or continued during the year, as follows:

(1) An exhaustive inquiry into the possibilities and limitations of the dairy industry in the semiarid or "short-grass" region, embracing parts of Kansas, Nebraska, Wyoming, Colorado, and Oklahoma. This included a special study of the farm cream separator in its relation to the creamery system of butter-making under Western conditions.

Two reports by E. H. Webster, inspector and dairy expert in charge of this inquiry, have been published as bulletins in the Bureau series.

(2) A series of careful trials have been conducted at Chicago to determine the effect of different fixed temperatures upon the quality of butter in cold storage. This work has covered the greater part of the year, and the first or preliminary report is in preparation.

(3) Similarly, a series of trials in storing cheese at different temperatures has been conducted at New York. This report is also in preparation.

(4) In cooperation with the Storrs Agricultural Experiment Station at Storrs, Conn., an investigation has been commenced to determine specifically the principles involved in the manufacture of different varieties of soft cheese, such as are imported to this country from western Europe. It will be some time before any report can be made on this subject.

(5) In the dairy laboratory of the Bureau of Chemistry, and in the laboratory of dairy bacteriology of the Biochemic Division, Bureau of Animal Industry, investigations are being continuously carried on closely related to the dairy industry, if not bearing upon it directly. One report has been published upon the keeping qualities of butter, as noted above.

(6) Experimental exports of the best quality of creamery butter have been made weekly to Manchester, England, for several months, to make a practical test of the merits of such butter from the United States in comparison with the highest grades of butter from all other producing countries, as found in the British markets. The results were favorable in a general way, but not such as to encourage commercial operations along the same line. No report has yet been published.

#### REPRESENTATION AT DAIRYMEN'S MEETINGS.

During the year an effort has been made to have the Department represented at as many as possible of the State dairy conventions in the

several States. The chief and assistant chief of the Division and the dairy inspectors have attended these meetings. In all 28 such conventions have been visited in 22 different States and Territories. The work of the Bureau through the Dairy Division commends itself, as a rule, to these gatherings of representative dairymen in different parts of the country, and complimentary resolutions have been adopted by conventions in 18 States.

#### DAIRY WORK IN 1905.

The work of the Dairy Division during the fiscal year 1904-5 will embrace, in large measure, a continuation of that of previous years, with such additions as may promise useful results and are found practicable.

The condition of the dairy industry of the United States will be studied in all its aspects with a view to determining the most favorable opportunities and methods for progress and improvement and assisting in their accomplishment. The dairying of other countries will also be observed, productive conditions noted, the demands of consumption and of all foreign markets watched and such action taken as is possible in the interest of extending foreign trade in the dairy products of this country. Relations will be maintained with State dairy officials with a view to cooperation in the enforcement of laws; also with the voluntary organizations of dairymen and the dairy schools in numerous States in order to be informed of their proceedings and to cooperate so far as may be advisable.

The inspection of renovated-butter factories and markets will continue and be gradually extended and improved for the better administration of section 5 of the act of Congress of May 9, 1902.

The Dairy Division will conduct investigations by itself, as well as in cooperation with suitable agencies.

The experiments in storing butter at different low temperatures, which it was intended to continue and enlarge, have been abandoned because of the impossibility of finding available, in commercial store-houses, the necessary low temperatures with a guarantee of maintenance without material variation. The results of the cheese-storing experiments of the past year do not seem to warrant a repetition of this work. The soft-cheese investigation in Connecticut will be continued.

It is proposed to investigate the manufacture of condensed milk and promote such action as may be deemed expedient to preserve and enhance the reputation of this country for producing this article in a form suited to foreign markets. The comparatively new industry of making "milk powder" may also receive attention.

Many communications are received on the subject of improving the milk supply of cities and towns, and especially in securing greater purity and sanitary conditions. It is proposed to cooperate in these efforts and to give such advice and assistance as may be possible in this desirable work.

In considering the future of the Dairy Division it should be first remarked that after nine years' existence the work in hand in extending present lines of effort and taking up new ones is much greater than can be accomplished by the original organization. The dairy industry is one of the most important and most extensive branches of American agriculture. Four-fifths of all the farms in the country keep cows for milk, 17,000,000 in number, and another million are



reported "not on farms." The annual product of these 18,000,000 dairy cows has a value of about \$600,000,000. The opportunities for improvement are manifest at many points. If the average cost of maintaining a cow could be lessened by intelligent economy, or the average dairy product slightly increased in quantity by rational treatment, or the average quality of dairy products raised a little by improved methods of practice, the aggregate additional profit would be very great. For example, one-third of all the butter produced in the United States is made in creameries and two-thirds on farms. The former, by reason of higher average quality, has a value of at least 3 cents per pound greater than the latter. If one-half the butter now made on farms could be made in creameries or in any way to make it as good as average creamery butter, the increased income to the producers would amount to \$15,000,000 a year. Again, if the average municipal milk supply could be but slightly improved in quality and sanitary condition and the service correspondingly improved, the gain in the comfort and health of millions of people would be beyond measurement by dollars. Such improvements are entirely practicable and in large measure, comparatively easy of accomplishment.

#### ANIMAL HUSBANDRY.

At the last session of Congress an appropriation of \$25,000 was made for the purpose of enabling the Bureau of Animal Industry to conduct experiments in animal breeding in cooperation with the State experiment stations. Plans for this work have not yet been perfected, but arrangements have been made to conduct cooperative experiments in poultry breeding with the Maine Experiment Station in order to study the breeding of 200-egg hens, including the amount of floor space required per hen, and with the Pennsylvania Experiment Station, in addition to the work already in progress there with the respiration calorimeter, to study the influence of age and individuality on the metabolism of beef cattle. Negotiations are in progress to establish cooperative experiments in horse breeding with the Colorado Experiment Station.

A cooperative experiment with the Colorado Experiment Station has recently been made to study the feeding value of sugar-beet pulp with alfalfa hay, with and without ground corn or ground wheat. The results will be published as a bulletin of this Bureau. The experiment seems to indicate that sugar-beet pulp has considerable value for steer feeding, either with alfalfa hay without grain or in connection with grain. The best results were obtained when grain was fed, but the hay-and-pulp ration was exceedingly economical and produced excellent gains.

The importation of families, breeds, and species of domestic animals of foreign countries, which are not known in the United States and whose use promises to be of value to our animal industry, has been started by the importation of four ewes and a buck of the native sheep of Barbados. These sheep are practically woolless, and are said to be valuable for mutton in warm climates. They were obtained through the courtesy of Sir Daniel Morris, imperial commissioner of agriculture for the West Indies. They will be quarantined at the experiment station of the Bureau of Animal Industry until their habits and qualities can be given careful study, after which the purpose is to send them to some point in the South for further trial.



*General statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904. a*

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Meat inspection.....	\$713,955.07	\$3,491.30	\$63,489.62	\$780,935.99
Microscopic inspection.....	50,265.60	.....	3,731.86	53,997.46
Export cattle inspection.....	58,776.82	820.29	4,551.09	64,148.20
Import cattle inspection.....	12,909.13	1,999.64	25.90	14,934.67
Contagious diseases of animals.....	75,157.04	25,748.67	2,503.11	103,408.82
Contagious diseases of horses.....	5,057.10	1,096.12	1,499.00	7,652.22
Washington and miscellaneous.....	36,049.39	2,383.67	5,144.23	43,577.29
Scientific investigations.....	21,948.50	1,019.71	7,308.37	30,276.58
Experiment station, Bethesda, Md.....	15,877.57	.....	11,714.59	27,592.16
Dairy division.....	18,289.18	6,937.99	6,538.91	31,766.11
Quarantine stations.....	11,206.23	236.06	23,185.58	34,627.87
Hog cholera serum experiments.....	3,878.80	402.83	1,532.95	5,814.58
Experiments in animal nutrition.....	2,500.00	.....	.....	2,500.00
Total.....	1,025,870.13	44,136.28	131,225.24	1,201,231.65

*a* Including vouchers paid to October 1, 1901.

#### GENERAL STATEMENT OF DISBURSEMENTS FROM THE EMERGENCY APPROPRIATION, 1904-5.

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Contagious diseases of animals.....	\$68,399.27	\$31,166.23	\$1,677.53	\$101,243.03
Eradication of foot-and-mouth disease.....	12,551.49	9,742.56	2,011.94	24,305.99
Contagious diseases of horses.....	3,198.65	993.42	773.25	4,965.32
Hog cholera serum experiments.....	1,776.00	164.80	590.04	2,530.84
Total.....	85,925.41	42,067.01	5,052.76	133,045.18

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

STATUTORY SALARIES—BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.									
D. E. Salmon.....	Chief of Bureau.....	July 1, 1902.....	.....	.....	\$4,500.....	.....	.....	.....	.....
A. D. Melvin.....	Assistant chief of Bureau.....	Jan. 1, 1899.....	.....	.....	2,500.....	.....	.....	.....	.....
S. R. Burch.....	Chief clerk.....	Jan. 1, 1897.....	Sept. 1, 1903.....	.....	2,000.....	.....	.....	.....	.....
A. M. Farrington.....	Chief of inspection division.....	Jan. 1, 1899.....	.....	.....	2,500.....	.....	.....	.....	.....
H. J. Washburn.....	Assistant chief of inspection division.....	Mar. 20, 1903.....	.....	.....	1,800.....	.....	.....	.....	.....
E. B. Jones.....	Chief of quarantine division.....	July 1, 1903.....	.....	.....	2,000.....	.....	.....	.....	.....
Do.....	Chief clerk.....	Oct. 1, 1903.....	.....	.....	2,500.....	.....	.....	.....	.....
H. E. Alvord.....	Chief of dairy division.....	July 1, 1895.....	.....	.....	1,800.....	.....	.....	.....	.....
Harry Hayward.....	Assistant chief of dairy division.....	Mar. 1, 1903.....	Aug. 17, 1903.....	.....	1,800.....	.....	.....	.....	.....
C. B. Lane.....	do.....	Nov. 1, 1903.....	.....	.....	2,500.....	.....	.....	.....	.....
J. R. Mohler.....	Chief of pathological division.....	July 1, 1902.....	.....	.....	1,200.....	.....	.....	.....	.....
B. C. Oberly.....	Assistant in pathological division.....	July 1, 1901.....	.....	.....	1,200.....	.....	.....	.....	.....
A. M. Winfield.....	do.....	Feb. 15, 1900.....	.....	.....	1,200.....	.....	.....	.....	.....
T. B. Reamy.....	do.....	July 1, 1896.....	.....	.....	840.....	.....	.....	.....	.....
E. A. de Schweinitz.....	Chief of biochemic division.....	July 1, 1899.....	.....	.....	2,500.....	.....	.....	.....	.....
Do.....	Biochemist in charge, etc. division.....	Feb. 1, 1904.....	Feb. 15, 1904.....	.....	3,000.....	.....	.....	.....	.....
Marion Dorset.....	Assistant in biochemic division.....	Dec. 1, 1902.....	.....	.....	2,250.....	.....	.....	.....	.....
Do.....	Chief of biochemic division.....	Feb. 1, 1904.....	.....	.....	2,500.....	.....	.....	.....	.....
James A. Emery.....	Assistant in biochemic division.....	July 1, 1903.....	.....	.....	1,800.....	.....	.....	.....	.....
Thomas M. Price.....	do.....	Apr. 15, 1903.....	.....	.....	1,400.....	.....	.....	.....	.....
McP. Reynolds.....	do.....	Jan. 1, 1891.....	.....	.....	1,400.....	.....	.....	.....	.....
Nellie F. Haughton.....	do.....	Jan. 1, 1901.....	.....	.....	1,200.....	.....	.....	.....	.....
Geo. W. Stiles, Jr.....	do.....	Feb. 16, 1903.....	.....	.....	720.....	.....	.....	.....	.....
Do.....	Clerk.....	Oct. 1, 1903.....	.....	.....	840.....	.....	.....	.....	.....
Do.....	do.....	Apr. 1, 1904.....	.....	.....	900.....	.....	.....	.....	.....
R. W. Hickman.....	Zoologist.....	Mar. 20, 1903.....	.....	.....	2,500.....	.....	.....	.....	.....
Albert Hassall.....	Veterinary inspector.....	Dec. 1, 1901.....	.....	.....	1,800.....	.....	.....	.....	.....
John L. Buckley.....	do.....	Mar. 20, 1903.....	.....	.....	1,600.....	.....	.....	.....	.....
Chas. F. Flocken.....	do.....	July 1, 1903.....	.....	.....	1,400.....	.....	.....	.....	.....
Geo. B. Morse.....	do.....	Mar. 20, 1903.....	.....	.....	1,400.....	.....	.....	.....	.....





Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

STATUTORY SALARIES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
WASHINGTON, D. C.—continued.								
Geo. I. Hall.....	Fireman.....	July 1, 1896	.....	.....	\$720	.....	.....	.....
B. R. Sherwood.....	.....do.....	Apr. 1, 1903	.....	.....	720	.....	.....	.....
Chas. C. Croghan.....	Messenger.....	July 1, 1900	.....	.....	720	.....	.....	.....
Asa H. Kite.....	.....do.....	July 1, 1896	.....	.....	720	.....	.....	.....
John Nicholas.....	.....do.....	Mar. 16, 1903	.....	.....	720	.....	.....	.....
Wm. C. Shilmoneck.....	.....do.....	Apr. 3, 1897	.....	.....	720	.....	.....	.....
Englehart G. Grau.....	Skilled laborer.....	May 16, 1903	.....	.....	660	.....	.....	.....
Geo. W. Scheerer.....	.....do.....	Jan. 16, 1898	.....	.....	660	.....	.....	.....

## EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
ERADICATION OF FOOT-AND-MOUTH DISEASE.								
S. E. Bennett.....	Inspector.....	Oct. 1, 1901	.....	.....	\$2,000	.....	\$668.50	\$147.61
U. G. Houck.....	.....do.....	Apr. 1, 1903	.....	.....	1,800	.....	450.00	425.80
R. P. Steddom.....	.....do.....	.....do.....	.....	.....	1,800	.....	547.83	367.84
H. N. Waller.....	.....do.....	Nov. 15, 1900	.....	.....	1,800	.....	151.60	104.81
L. Enos Day.....	.....do.....	Oct. 1, 1903	.....	.....	1,500	.....	191.62	279.18
G. A. Johnson.....	.....do.....	Apr. 1, 1902	.....	.....	1,500	.....	472.83	447.20
J. A. Kiernan.....	.....do.....	June 15, 1903	.....	.....	1,500	.....	252.80	311.52
J. V. Laddey.....	.....do.....	May 15, 1903	.....	.....	1,500	.....	501.40	654.85
A. McBride.....	.....do.....	June 15, 1903	.....	.....	1,500	.....	163.08	190.88
P. H. Muldowney.....	.....do.....	Apr. 1, 1903	.....	.....	1,500	.....	464.67	320.06
J. P. O'Leary.....	.....do.....	Apr. 15, 1903	.....	.....	1,500	.....	370.96	401.12
W. C. Stegmund.....	.....do.....	May 1, 1903	.....	.....	1,500	.....	106.98	69.74
H. Q. Thompson.....	.....do.....	Sept. 1, 1903	.....	.....	1,500	.....	464.67	211.65
I. K. Atherton.....	.....do.....	Sept. 1, 1898	.....	.....	1,400	.....	11.41	38.68
H. M. Ball.....	.....do.....	Mar. 1, 1902	.....	.....	1,400	.....	64.67	52.10
E. J. Cary.....	.....do.....	June 1, 1903	.....	.....	1,400	.....	467.90	525.98
C. O. Durfee.....	.....do.....	June 15, 1903	.....	.....	1,400	.....	429.92	545.97
J. Wm. Fink.....	.....do.....	June 16, 1901	.....	.....	1,400	.....	467.90	542.04
R. G. Lawton.....	.....do.....	Mar. 1, 1903	.....	.....	1,400	.....	467.90	652.29
A. F. Martins.....	.....do.....	Apr. 1, 1901	.....	.....	1,400	.....	45.65	36.55
F. L. Stevens.....	.....do.....	July 15, 1902	.....	.....	1,400	.....	433.70	197.95
A. E. Wight.....	.....do.....	Mar. 1, 1902	.....	.....	1,400	.....	238.80	150.86
Thomas Coyle.....	Vessel inspector.....	May 1, 1903	.....	.....	1,400	.....	418.48	81.19
A. Eichhorn.....	Assistant inspector.....	Mar. 25, 1901	.....	.....	1,200	.....	401.10	582.11

Andrew Hyde	do	June 6, 1902	1,200	371.74	441.88
Marion Innes	do	Aug. 5, 1901	1,200	401.10	561.51
A. N. Irwin	do	do	1,200	183.27	207.79
D. S. Kansooroom	do	Aug. 20, 1901	1,200	189.14	189.03
M. T. Perry	do	May 23, 1901	1,200	52.17	28.99
Cyrus K. Small	Clerk	Feb. 13, 1903	1,200	401.10	12.67
E. D. Everett	Stock examiner	May 1, 1903	900	75.80	217.45
G. T. Hanton	do	June 27, 1895	900	278.80	276.36
F. P. Nowlan	do	May 1, 1903	900	215.22	37.09
L. L. Bullard	Tagger	Mar. 1, 1892	720	215.22	56.05
F. H. Burleigh	do	Sept. 28, 1891	720	240.60	77.45
G. M. Dishong	do	Dec. 12, 1901	720	215.22	69.43
W. H. Hersey	do	Oct. 23, 1899	720	94.02	36.29
C. B. Hutchinson	do	Mar. 1, 1900	720	95.82	223.04
Wm. F. Osborn	do	June 18, 1901	720	228.04	78.28
Frank L. Shipp	do	Jan. 1, 1903	720	228.91	91.95
Geo. E. Wager	do	June 10, 1901	720	255.59	
Effie I. Wescott	Assistant microscopist	Jan. 1, 1903	840		
Do	Microscopist	Sept. 16, 1903			
R. F. Brennan	Laborer		\$2.00	\$6.00	
E. F. Connolly	do		2.00	8.00	
F. E. Darling	do		2.00	112.00	
M. Dillon	do		2.00	4.00	
P. Harrington	do		2.00	6.00	
F. Herriek	do		2.00	2.00	
Chas. McNally	do		2.00	8.00	
Jos. J. Rieman	do		2.00	4.00	
W. M. H. Seabrook	do		2.00	58.00	
R. D. Stoughton	do		2.00	102.00	
J. A. Twomey	do		2.00	8.00	
D. E. Salmon	do				\$71.35
Geo. P. McCabe					\$6.68
Thomas L. Rice					91.10
Henry E. Brown					69.80
Chas. F. Flocken					6.99
The Pullman Co.					4.50
The Pennsylvania Railroad Co.					6.00
New York, New Haven and Hud-					36.75
son River Railroad Co.					39.50
New York Central and Hudson					2.73
River Railroad Co.					
Trustees of the Milk Street Trust.					300.00
G. R. Tyzzer					358.00
C. A. Dennen					225.15
James S. Henry					120.75
New England Telephone and					37.42
Telegraph Co.					
Houghton & Dutton					7.12
Wm. T. Curley					52.20
Smith & Thayer Co.					48.23
F. N. Adams					25.00
	Use of bath				
	Bedding				
	Feed				
	Freight and repairs				
	Telephone service				
	Rent				
	Cattle, and destroying hay				
	Cattle, and teaming				
	do				
	Transportation, McCabe				
	do				
	do				
	do				
	do				
	Travel and miscellaneous ex-				
	penses.				
	Traveling expenses				
	do				
	do				
	do				
	Transportation, McCabe				
	do				
	do				
	do				
	do				
	Rent				
	Cattle, and destroying hay				
	Cattle, and teaming				
	do				
	Telephone service				

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*  
 EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
ERADICATION OF FOOT-AND-MOUTH DISEASE—cont'd.										
Boston and Maine R. R.						Freight on disinfectants.				\$24.80
Cutter & Cutter.						Suit cases.				5.63
Ames Plow Co.						Milking tubes.				.65
Burditt & Williams Co.						Hardware.				6.63
Bay State Clean Towel Co.						Towel service.				10.00
E. E. Tyzzer.						Rabbits, hardware, etc.				5.50
Frank L. Whitford.						Burying cattle.				8.00
John M. Perley.						Lime.				8.95
George H. Taylor.						Material for water supply.				4.30
Eastern Drug Co.						Disinfectants and sponges.				26.61
Franklin Rubber Co.						Boots, coats and socks.				31.88
Jacob Laefer.						78 quarts milk.				5.46
Leonard Pearson.						Calves and transportation.				162.00
Wakefield Water Co.						Connecting water pipe.				9.00
Western Union Telegraph Co.						Telegrams.				3.23
Harry A. Pierce.						Livery.				100.00
Curtis & Lyons.						do.				17.50
Macdonald's stable.						do.				24.50
Chas. H. Paquin.						do.				38.00
Thos. Bryant.						do.				7.50
Geo. W. Toomey.						do.				20.00
Moses A. Reed.						do.				17.50
Harry P. Tilden.						do.				15.75
W. H. Higgins.						do.				45.50
G. A. Shackford & Son.						do.				14.00
W. W. Bessey & Son.						do.				13.50
McManus Bros.						do.				33.00
Asa Pingree.						do.				21.00
Chas. W. Rice.						do.				12.00
H. W. Hutson.						do.				6.00
Martin M. Welch.						do.				26.00
Samuel O. Fowle.						do.				16.00
A. L. Cook.						do.				10.50
P. W. Packard.						do.				22.00
Jasper J. Smart.						do.				20.00
J. W. Gibbs.						do.				17.50
David R. Simmons.						do.				
							\$12,551.49	\$9,742.56		2,011.91



## TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS.

A. G. G. Richardson.....	Inspector.....	Oct. 1, 1899	.....	.....	\$2,000	.....	398.40	20.30	6.19
Do.....	do.....	Dec. 1, 1903	.....	.....	1,800	.....	800.00	485.03	54.55
Geo. S. Hickox.....	Agent and expert	July 1, 1903	.....	.....	1,600	.....	800.00	561.05	7.00
John McBirney.....	Inspector.....	Dec. 1, 1898	.....	.....	1,600	.....	766.70	335.42	6.00
A. A. Holcombe.....	do.....	Jan. 1, 1903	.....	.....	1,500	.....	750.00	.....	.....
Do.....	do.....	May 1, 1904	.....	.....	1,600	.....	498.70	101.25	.....
Harry B. Adair.....	do.....	Feb. 1, 1903	.....	.....	1,500	.....	123.60	96.15	.....
Leslie J. Allen.....	do.....	Jan. 1, 1903	.....	.....	1,500	.....	251.40	150.21	.....
W. C. Barth.....	do.....	Oct. 1, 1903	.....	.....	1,500	.....	498.70	61.50	.....
Richd. J. Blanche.....	do.....	Apr. 1, 1903	.....	.....	1,500	.....	750.00	488.40	.....
Thos. A. Bray.....	do.....	May 1, 1903	.....	.....	1,500	.....	750.00	398.57	.....
Lowell Clarke.....	do.....	Apr. 1, 1903	.....	.....	1,500	.....	750.00	136.83	.....
E. N. Hutchinson.....	do.....	June 1, 1903	.....	.....	1,500	.....	750.00	415.45	.....
Peter I. Kershner.....	do.....	June 15, 1903	.....	.....	1,500	.....	626.40	246.00	.....
John A. Kiernan.....	do.....	May 15, 1903	.....	.....	1,500	.....	251.40	149.80	.....
John W. Laddey.....	do.....	Mar. 16, 1903	.....	.....	1,500	.....	622.30	306.87	.....
W. A. Savage.....	do.....	Mar. 1, 1901	.....	.....	1,400	.....	750.00	487.00	.....
Geo. A. Bond.....	do.....	Dec. 1, 1903	.....	.....	1,500	.....	750.00	334.00	.....
Do.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	750.00	72.70	.....
C. H. Bugbee.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	498.70	86.58	.....
Do.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	745.92	289.80	.....
Roy N. Drake.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	597.60	281.65	.....
Do.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	498.70	.....	.....
F. C. Eells.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	750.00	147.15	.....
Do.....	do.....	Apr. 1, 1901	.....	.....	1,400	.....	750.00	387.55	.....
W. P. Ellenberger.....	do.....	Nov. 1, 1903	.....	.....	1,500	.....	482.20	67.60	.....
Do.....	do.....	Sept. 1, 1901	.....	.....	1,400	.....	750.00	256.55	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	750.00	153.00	.....
Wm. R. Fleming.....	do.....	Mar. 16, 1903	.....	.....	1,400	.....	750.00	86.95	.....
Do.....	do.....	Jan. 10, 1904	.....	.....	1,500	.....	750.00	242.10	.....
D. C. Hanawalt.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	750.00	388.20	.....
Do.....	do.....	May 1, 1904	.....	.....	1,500	.....	.....	.....	.....
F. W. Hopkins.....	do.....	June 1, 1900	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Oct. 1, 1903	.....	.....	1,500	.....	.....	.....	.....
Walter E. Howe.....	do.....	May 1, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Dec. 1, 1903	.....	.....	1,500	.....	.....	.....	.....
J. Otis Jacobs.....	do.....	May 1, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Dec. 1, 1903	.....	.....	1,500	.....	.....	.....	.....
Louis A. Klein.....	do.....	Jan. 1, 1903	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Apr. 1, 1904	.....	.....	1,500	.....	.....	.....	.....
M. S. Lantz.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....	.....
Louis Meiser.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....	.....
Jos. W. Parker.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....	.....
Adolph J. Pistor.....	do.....	Sept. 1, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....	.....
Robt. A. Ramsay.....	do.....	Sept. 1, 1901	.....	.....	1,400	.....	.....	.....	.....
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....	.....

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—cont'd.								
Hugh M. Rowe.....	Inspector.....	Sept. 16, 1901	.....	.....	\$1,400	.....	\$750.00	\$242.25
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....
Geo. E. Totten.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	750.00	249.40
Do.....	do.....	Jan. 1, 1904	.....	.....	1,500	.....	.....	.....
A. H. Wallace.....	do.....	Apr. 1, 1902	.....	.....	1,400	.....	482.20	211.00
Do.....	do.....	Apr. 1, 1901	.....	.....	1,500	.....	.....	.....
Alex. E. Wight.....	do.....	Mar. 1, 1902	.....	.....	1,400	.....	725.00	207.50
Do.....	do.....	Apr. 1, 1904	.....	.....	1,500	.....	.....	.....
G. W. Browning.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	580.80	250.78
E. J. Cary.....	do.....	June 1, 1903	.....	.....	1,400	.....	700.00	441.66
W. S. Cass.....	do.....	Sept. 1, 1898	.....	.....	1,400	.....	700.00	243.42
C. A. Clawson.....	do.....	Feb. 1, 1903	.....	.....	1,400	.....	584.00	159.90
S. E. Costford.....	do.....	May 1, 1900	.....	.....	1,400	.....	115.40	108.55
E. J. Foreman.....	do.....	Feb. 15, 1903	.....	.....	1,400	.....	700.00	167.05
H. J. Hammond.....	do.....	Sept. 1, 1902	.....	.....	1,400	.....	700.00	323.65
Jno. J. Hayes.....	do.....	July 12, 1902	.....	.....	1,400	.....	700.00	394.05
W. B. Lincoln.....	do.....	May 1, 1901	.....	.....	1,400	.....	465.40	43.90
W. M. MacKellar.....	do.....	June 1, 1903	.....	.....	1,400	.....	580.80	84.75
Lewis A. Nutting.....	do.....	June 1, 1904	.....	.....	1,400	.....	115.40	83.17
L. W. O'Rourke.....	do.....	Sept. 1, 1902	.....	.....	1,400	.....	700.00	434.75
John A. Sloan.....	do.....	June 16, 1902	.....	.....	1,400	.....	465.40	52.40
Nathl. B. Smith.....	do.....	May 15, 1902	.....	.....	1,400	.....	700.00	276.00
N. L. Townsend.....	do.....	Aug. 1, 1902	.....	.....	1,400	.....	700.00	237.30
Robt. H. Treacy.....	do.....	Sept. 16, 1901	.....	.....	1,400	.....	700.00	270.80
Thos. White.....	do.....	Sept. 1, 1902	.....	.....	1,400	.....	700.00	176.27
W. W. Worcester.....	do.....	do.....	.....	.....	1,400	.....	700.00	299.70
H. C. Babcock.....	Assistant Inspector.....	July 1, 1900	.....	.....	1,200	.....	353.80	.....
Do.....	Inspector.....	Sept. 1, 1903	.....	.....	1,400	.....	.....	.....
F. W. Brewer.....	Assistant Inspector.....	Oct. 1, 1902	.....	.....	1,200	.....	465.40	206.05
Do.....	Inspector.....	Oct. 1, 1903	.....	.....	1,400	.....	.....	.....
John L. Bargett.....	Assistant Inspector.....	June 18, 1901	.....	.....	1,200	.....	465.40	56.84
Do.....	Inspector.....	Feb. 1, 1901	.....	.....	1,400	.....	.....	.....
H. H. Collins.....	Assistant Inspector.....	May 24, 1902	.....	.....	1,200	.....	700.00	308.40
Do.....	Inspector.....	Sept. 1, 1903	.....	.....	1,400	.....	.....	.....
Chas. W. Deeming.....	Assistant Inspector.....	June 1, 1901	.....	.....	1,200	.....	625.29	232.25
Do.....	Inspector.....	May 16, 1901	.....	.....	1,400	.....	.....	.....
Adolph Eichhorn.....	Assistant Inspector.....	Mar. 25, 1901	.....	.....	1,200	.....	336.80	59.50
Do.....	Inspector.....	Apr. 1, 1901	.....	.....	1,400	.....	.....	.....



Marion Imes	Assistant inspector	Aug. 5, 1901	1,200	465.40	321.55
Do.	Inspector	Feb. 1, 1904	1,400		
A. N. Irwin	Assistant inspector	Aug. 5, 1901	1,200	584.60	264.00
Do.	Inspector	Oct. 1, 1903	1,400		
Geo. Jerome	Assistant inspector	Nov. 24, 1902	1,200	551.60	68.05
Do.	Inspector	Mar. 1, 1904	1,400		
Wm. F. Jones	Assistant inspector	Aug. 5, 1901	1,200		
Do.	Inspector	Jan. 16, 1904	1,400		
W. L. Johnson	Assistant inspector	May 23, 1901	1,200	691.79	217.24
Do.	Inspector	Oct. 1, 1903	1,400		
Chas. A. McCall	Assistant inspector	Apr. 1, 1901	1,200	700.00	141.55
Do.	Inspector	Oct. 1, 1903	1,400		
H. R. McNally	Assistant inspector	Sept. 20, 1902	1,200	584.60	192.90
Do.	Inspector	Jan. 16, 1904	1,400		
Theo. S. Rich	Assistant inspector	June 25, 1902	1,200	691.79	334.75
Do.	Inspector	Nov. 1, 1903	1,400		
Stephen L. Blount	Assistant inspector	May 1, 1903	1,200	700.00	106.15
Walter C. Bower	do	Feb. 17, 1903	1,200	398.90	
Wm. J. Bracken	do	June 13, 1903	1,200	303.30	95.05
Wm. J. Butler	do	Feb. 20, 1904	1,200	201.10	113.20
A. T. Coleman	do	June 15, 1903	1,200	163.19	127.37
W. F. Crewe	do	Sept. 25, 1900	1,200	303.30	44.80
B. Carl Davis	do	June 6, 1904	1,200	600.00	66.65
Thos. J. Eagle	do	May 1, 1903	1,200	98.90	83.90
Jas. E. Ellis	do	Mar. 12, 1903	1,200	300.00	49.00
Fred Evans	do	June 23, 1902	1,200	600.00	375.90
Frank J. Glynn	do	Apr. 22, 1903	1,200	151.65	85.00
Timothy C. Hays	do	June 17, 1903	1,200	201.10	77.73
W. H. Hiatt	do	Nov. 1, 1902	1,200	303.30	37.45
W. H. Hurst	do	Jan. 24, 1903	1,200	398.90	29.66
John H. Lowe	do	Feb. 3, 1903	1,200	600.00	436.50
S. W. McClure	do	Jan. 23, 1903	1,200	303.30	6.10
E. M. Nighbert	do	June 23, 1902	1,200	600.00	159.50
Frank D. Owen	do	Apr. 15, 1903	1,200	303.30	17.00
Frank Parker	do	Oct. 22, 1900	1,200	303.30	7.40
Chas. Pearson	do	June 15, 1903	1,200	600.00	434.50
Robt. M. Raban	do	May 1, 1903	1,200	398.90	42.05
Laomer West	do	June 15, 1903	1,200	201.10	27.24
Walter H. Yingst	Assistant inspector	July 12, 1902	1,200	600.00	236.20
Albert Dean	Live stock agent	Sept. 1, 1893	1,800	95.60	
Joseph Bruser	do	Nov. 15, 1897	1,800	598.40	47.25
W. E. Hill	do	Jan. 1, 1894	1,200	398.90	
Wm. D. Jorden	do	do	1,200	398.90	7.00
D. Cunningham	do	do	1,200	398.90	246.55
Geo. C. Moser	do	do	1,200	398.90	146.10
B. L. Stine	Special stock agent	July 1, 1900	1,200	398.90	
N. R. Adams	Stock examiner	Nov. 1, 1895	900		
Do.	Field stock examiner	May 1, 1904	1,000		
H. E. Armstrong	Tagger	Dec. 23, 1901	1,000	167.57	137.55
Do.	Stock examiner	Feb. 15, 1904	720		
Do.	Field stock examiner	Mar. 1, 1904	1,000	335.20	477.04

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—cont'd.									
Alfred L. Bailey	Stock examiner	Apr. 1, 1903			\$900		\$250.00	\$308.40	
Do.	Field stock examiner	Apr. 1, 1904			1,000		500.00	205.55	
Chas A. Brown	Stock examiner	July 1, 1903			900		250.00	288.50	
L. S. Campbell	do	Feb. 1, 1901			1,000		500.00	382.95	
Do.	Field stock examiner	Apr. 1, 1904			1,000		500.00	300.60	
Wm. R. Dennis	Stock examiner	July 1, 1903			900		500.00		
S. D. Gillett	do	Jan. 1, 1903			1,000		500.00		
Do.	Field stock examiner	Nov. 1, 1903			900		500.00	147.00	
M. T. Hascall	Stock examiner	Feb. 1, 1903			1,000		500.00	628.00	
Do.	Field stock examiner	July 16, 1903			1,000		500.00	289.95	
David R. Hodges	Stock examiner	July 1, 1903			900		500.00	509.15	
R. E. L. Jackson	do	Nov. 19, 1894			1,000		500.00		
Do.	Field stock examiner	Apr. 1, 1904			1,000		500.00		
Thos. J. Lowry	Stock examiner	June 15, 1903			1,000		414.80	426.00	
John C. Massie	do	do			900		500.00	695.95	
Do.	Field stock examiner	Dec. 15, 1903			1,000		500.00	310.05	
Jay Merrill	Stock examiner	Feb. 1, 1904			1,000		500.00	416.60	
F. O. Petty	do	June 15, 1903			1,000		167.60	191.70	
Wm. F. Flahing	do	do			900		335.20		
W. S. Pidcock	do	Aug. 1, 1895			1,000		500.00	76.05	
Do.	Field stock examiner	May 1, 1904			900		500.00	371.90	
Wm. Proudfoot	Stock examiner	June 15, 1903			1,000		126.36	160.20	
Do.	do	Nov. 1, 1903			900		250.00	264.50	
Do.	Field stock examiner	Dec. 1, 1903			1,000		500.00	204.75	
Thos. Redmond	Stock examiner	July 1, 1903			1,000		410.20	262.20	
Isaiah Richards	do	do			720		332.40		
F. W. Schatzell	Tagger	Jan. 2, 1899			900		299.20	135.10	
Do.	Stock examiner	Aug. 1, 1903			1,000		202.80		
Do.	Field stock examiner	May 16, 1904			900				
Henry Singleton	Stock examiner	Feb. 1, 1901			1,000				
Do.	Field stock examiner	Apr. 1, 1901			1,000				
Alfred J. Smith	do	July 1, 1903			900				
W. L. Upson	do	July 1, 1902			1,000				
Do.	Stock examiner	Feb. 18, 1904			1,000				
James Irwin	Field stock examiner	June 15, 1897			900				
T. B. Gracoff	Stock examiner	May 1, 1903			900				
Chas. C. Conley	do	May 1, 1904			900				
J. W. Davis	do	Jan. 1, 1894			900				
		Apr. 22, 1904			900				

Wm. C. Honan.....	do	May 1, 1897	900	299.20	57.45
H. L. McDonald.....	do	May 1, 1894	900	160.69	144.30
R. G. Merrill.....	do	Mar. 1, 1903	900	450.00	158.32
Orrin W. Noyes.....	do	Apr. 16, 1904	900	150.80	208.45
C. K. Schafer.....	do	Apr. 26, 1904	900	163.16	83.90
J. F. Schiermann.....	do	Apr. 1, 1897	900	299.20	
Jos. M. Turner.....	do	Mar. 10, 1896	900	71.80	
S. I. Valentine.....	do	May 1, 1904	900	150.50	31.00
Wm. Yemmer.....	do	Feb. 1, 1901	900	227.40	
Edw. O. Speake.....	Clerk	Aug. 1, 1901	900	299.20	
Do.....	do	Nov. 1, 1903	900		
Geo. M. Bettis.....	do	May 1, 1903	900		
Geo. E. Buttin.....	Tagger	Oct. 24, 1901	840	279.30	4.50
Do.....	Stock examiner	May 16, 1904	720	128.53	
Wm. A. Fry.....	Tagger	Nov. 5, 1901	900		
Do.....	Stock examiner	Apr. 16, 1904	900	39.56	
Chas. F. Rork.....	Tagger	July 15, 1901	720		
Do.....	do	June 1, 1904	900	105.85	167.00
Elias Gilmore.....	Tagger	Feb. 10, 1898	720		
Do.....	do	Apr. 1, 1904	840	170.80	7.70
E. T. Allingham.....	do	Mar. 24, 1904	720	116.78	
F. L. Boone.....	do	May 11, 1903	720	43.52	73.12
Henry Burke.....	do	July 6, 1903	720	289.40	
Wm. E. Burrows.....	do	Mar. 23, 1903	720	90.95	120.80
Fred C. Dauncey.....	do	Oct. 5, 1903	720	90.95	172.45
Jas. C. Eklund.....	do	July 10, 1902	720	90.95	194.84
Jas. A. Flanagan.....	do	May 23, 1895	720	57.40	
Benj. F. Gooch.....	do	Aug. 10, 1903	720	90.95	152.25
Eoline R. Hand.....	do	Apr. 7, 1901	720	73.18	
G. A. Hanvey.....	do	Mar. 12, 1903	720	120.70	236.80
Morton Hattery.....	do	Mar. 2, 1903	720	239.40	
Wm. H. Hyde.....	do	Feb. 12, 1904	720	218.60	
Jas. M. Lawson.....	do	Dec. 26, 1901	720	90.95	128.70
Jere C. Leyser.....	do	Nov. 1, 1901	720	120.70	196.25
Roy C. Livers.....	do	Aug. 26, 1901	720	90.95	177.75
R. K. Newman.....	do	Sept. 1, 1903	720	120.70	197.85
Ernest R. O'Neil.....	do	Apr. 1, 1903	720	120.70	128.15
F. C. O'Rourke.....	do	Dec. 19, 1901	720	120.70	202.27
John L. Osborn.....	do	Feb. 7, 1903	720	120.70	167.90
Jos. C. Reid.....	do	Nov. 1, 1902	720	90.95	151.05
C. H. Robinson.....	do	Oct. 1, 1902	720	120.70	202.05
H. R. Schlytter.....	do	Mar. 22, 1904	720	120.70	
Harry A. Smith.....	do	Oct. 9, 1903	720	90.95	202.12
Alva Snyder.....	do	Oct. 5, 1903	720	43.52	
E. S. Spindler.....	do	Nov. 4, 1902	720	154.65	
Claude E. Verry.....	do	Aug. 18, 1902	720	90.95	167.80
C. E. Watson.....	do	Aug. 10, 1903	720	79.16	
John H. Webster.....	do	Mar. 2, 1896	720	298.70	
Hiram Grable.....	do				
W. J. Muldown.....	Laborer	Sept. 1, 1896	720	50.00	
W. W. Crandall.....					
F. D. Ketchum.....					
		92.00		Traveling expenses	49.50
				do	10.65
				do	25.35



*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—cont'd.									
Dean G. Cooper.....						Traveling expenses.....		\$2.75	.....
C. Loveberry.....						do.....		2.05	.....
Union Pacific R. Co.....						Transportation, Hickox, Cary, et al.....		621.56	.....
Chicago, Burlington and Quincy Rwy. Co.....						Transportation, Armstrong, Boone, et al.....		276.60	.....
Burlington and Missouri River R. R. in Nebraska.....						Transportation, Cary, Adams, et al.....		195.05	.....
Chicago and Northwestern Rwy. Co.....						Transportation, Massie, Rock, et al.....		180.40	.....
The Pennsylvania R. R. Co.....						Transportation, McCabe.....		57.00	.....
The Pullman Co.....						do.....		23.50	.....
Missouri Pacific Rwy. Co.....						Transportation, Hanawalt, Glynn, et al.....		102.10	.....
Norfolk and Western Rwy. Co.....						do.....		10.00	.....
Oregon Short Line R. R.....						Transportation, Hickox, Armstrong, et al.....		68.75	.....
Northern Pacific Rwy. Co.....						Transportation, Hickox and Clarke.....		45.45	.....
Denver and Rio Grande R. R.....						do.....		18.00	.....
Chicago, Milwaukee and St. Paul Rwy. Co.....						Transportation, Adams, Bracken, et al.....		76.15	.....
The St. Joseph and Grand Island Rwy.....						Transportation, Burrows and Leyser.....		52.80	.....
The Colorado Southern Rwy. Co.....						Transportation, Ramsay and Parker.....		32.50	.....
The Baltimore and Ohio R. R. Co.....						Transportation, Butler.....		32.20	.....
Chicago Great Western Rwy.....						Transportation, Evans and Blanche.....		37.45	.....
Great Northern Rwy. Co.....						Transportation, Clarke.....		10.50	.....
The Atchison, Topeka and Santa Fe Rwy. Co.....						Transportation, Eagle and Hays.....		30.60	.....
The Chicago and Alton Rwy.....						Transportation, Holcombe and Lowe.....		11.30	.....
Louisville and Nashville R. R. Co.....						Transportation, Richardson.....		8.60	.....
Illinois Central R. R. Co.....						Transportation, Ellenberger.....		4.25	.....
Bausch & Lomb Optical Co.....						Aplanatic triplets.....			\$210.00
Henry Evans.....						Thermometers.....			48.00

W. S. Cass.....	Horse and buggy.....	291.00
R. G. Merrill.....	do.....	150.00
N. L. Townsend.....	do.....	100.00
Aug. C. Jones.....	do.....	50.00
J. W. Davis.....	do.....	36.00
F. Auerbach & Bro.....	Office rent.....	180.00
C. Deaderick.....	do.....	50.00
The Kansas City Stock Yards Co. of Missouri.....	do.....	15.00
Louis A. Klein.....	Saddle horse.....	75.00
Thomas A. Bray.....	do.....	75.00
Wm. D. Jordan.....	do.....	75.00
Rocky Mountain Bell Telephone Co.....	Telephone.....	45.00
W. E. Howe.....	do.....	15.00
C. B. Hart.....	Telephone, heat, etc.....	24.00
American Linen Supply Co.....	Towel service.....	6.00
Albert Dean.....	Telegrams.....	4.67
Washington Post Co.....	Advertising.....	3.45
The State Co.....	do.....	2.50
The Sentinel Printing Co.....	do.....	2.00
Republican Publishing Co.....	do.....	2.40
The Ohio State Journal Co.....	do.....	2.75
Nashville Banner.....	do.....	1.47
Baltimore American.....	do.....	3.00
Nebraska State Journal.....	do.....	2.30
Charleston Daily Mail.....	do.....	2.08
Commercial Press Co.....	do.....	2.88
Kennebec Journal.....	do.....	1.50
Evening Journal.....	do.....	2.30
Vicksburg Herald.....	do.....	3.56
The Indianapolis News.....	do.....	1.84
Salt Lake Daily Tribune.....	do.....	2.53
Gannett Statesman.....	do.....	1.69
Daily State Gazette.....	do.....	1.32
Topeka State Journal.....	do.....	1.15
Atlanta Constitution.....	do.....	2.20
Sacramento Union.....	do.....	4.08
Iowa State Register.....	do.....	4.17
Montana Daily Record.....	do.....	3.60
Breeders' Gazette.....	do.....	6.65
Oklahoma State Capital.....	do.....	1.80
Bismarck Tribune.....	do.....	2.10
Oregon Statesman.....	do.....	2.40
The State Republican.....	do.....	2.60
Wyoming Tribune.....	do.....	2.06
Arizona Republican.....	do.....	2.50
St. Paul Dispatch.....	do.....	3.35
Santa Fe New Mexican.....	do.....	2.00
The Times Dispatch Co.....	do.....	1.40
Carson City News.....	do.....	1.90
Philadelphia Inquirer.....	do.....	4.04

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

EMERGENCY APPROPRIATION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—cont'd.	Boston Journal					Advertising			\$3.15
	St. Louis Globe Democrat					do			5.25
	Capital-Journal					do			2.50
	Morning Olympian					do			2.50
	The Hartford Courant Co.					do			2.20
	Gulf Refining Co.					17 barrels crude oil			50.55
	Fakes & Co.					Desks, chairs, etc.			45.50
	E. T. Davidson					Treating cows			8.90
							\$68,399.27	\$31,166.23	1,677.53
CONTAGIOUS DISEASES OF HORSES.									
E. T. Davidson	Inspector	June 1, 1903		\$1,500			626.40	350.45	231.75
L. Enos Day	do	Apr. 1, 1903		1,500			251.40	140.10	
W. J. Fretz	do	June 1, 1903		1,400			584.60	104.05	
Frank Baggage	Laborer	July 29, 1901	June 30, 1904	\$2.50			192.50		
Wm. Calkins	do	Aug. 1, 1903	do	2.50			12.50		
E. J. Drake	do	July 22, 1902		2.50			127.50	39.75	
Geo. Kneebone	do	Mar. 9, 1903		2.50			312.50	4.00	
John Pourier	do	June 8, 1903	June 30, 1904	2.50			161.25		
Joseph Pourier	do	Feb. 9, 1903	do	2.50			187.50	20.25	
Harry Three Stars	do	Aug. 1, 1903	do	2.50			187.50		
Oliver Tyon	do	Aug. 11, 1902	do	2.50			187.50		
E. G. Ward	do	Apr. 15, 1903	do	2.50			177.50		
James Wilde	do	Aug. 1, 1903	do	2.50			190.00		
Geo. P. McCabe						Traveling expenses		132.05	
James V. Kerr						do		24.85	
L. K. Green						do		26.98	
Chicago and Northwestern Rwy. Co.						Transportation, J. Pourier		40.93	
The Colorado and Southern Rwy. Co.						Transportation, G. P. McCabe		29.50	
Denver and Rio Grande R. R.						do		18.00	
The Pennsylvania R. R. Co.						do		17.50	
Chesapeake and Ohio Rwy. Co.						Transportation, J. V. Kerr		24.15	
Great Northern Rwy. Co.						Transportation, Davidson		8.50	





*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
WASHINGTON AND MISCELLANEOUS.										
Geo. P. McCabe	Assistant	Apr. 1, 1903			\$2,000		\$2,250.00			
Do.	do	Jan. 1, 1904			2,500					
Geo. F. Thompson	Editor	Mar. 20, 1903			2,000		2,000.00		\$71.90	
A. L. Pitney	Special agent.	June 16, 1903			1,800		1,800.00		7.20	
Granville H. Parks	Architect	July 1, 1902			1,600		334.80			
J. Wm. Fink	Inspector	July 1, 1903			1,400		308.18		17.80	
Do.	do	June 1, 1904			1,500					
C. O. Goodpasture	Clerk.	Feb. 1, 1904			1,400		580.80			
Sam'l B. Gregory	do	Mar. 1, 1903	Dec. 15, 1903		1,400		292.87			
A. G. Guthridge	Telephone and telegraph operator.	July 1, 1903			1,400		1,400.00			
Andrew Fossum	Clerk.	June 1, 1903			900		1,098.90			
Do.	do	Aug. 1, 1903			1,200					
Joel M. Graves	do	Oct. 10, 1903			1,200		854.33			
Marion A. Nelson	do	July 1, 1903			1,200		401.10			
Wilford J. Nevis	do	Apr. 15, 1903	Nov. 1, 1903		1,200		1,200.00			
E. J. Newmyer	do	July 1, 1903			1,200		1,102.20			
Benj. G. Wasdon	do	do			1,200		1,200.00			
Irving W. Pew	do	Jan. 1, 1900			1,000		883.10		13.25	
Do.	do	Nov. 1, 1903			1,200					
V. P. Bradford	do	Mar. 7, 1903	Jan. 1, 1904		1,000		500.00			
Sadie Haskell	do	Jan. 1, 1904			1,000		250.00			
Leroy Scribner	do	Dec. 1, 1900			1,000		164.80			
W. F. Tomlinson	do	Jan. 1, 1904			1,000		500.00			
R. E. L. Thompson	Carpenter	July 1, 1903			1,100		1,100.00			
E. J. Maloy	Messenger and custodian.	July 1, 1901			1,000		1,000.00			
Geo. M. Kommel	Expert in animal husbandry.	do			1,200		1,200.00		219.78	
W. J. Rutherford	do	May 1, 1904		\$100.00			200.00			
A. J. Meyer	do	Feb. 1, 1904	June 30, 1904	\$65.00			325.00			
E. G. Ritzman	Scientific aid in animal husbandry.	July 1, 1903		\$25.00			428.56			
Do.	do	Oct. 14, 1903			480					
F. W. Bicknell	Special agent.	Dec. 1, 1902	June 30, 1904	\$250.00			3,000.00		271.90	\$74.50
W. J. Kennedy	Expert	May 1, 1903		\$125.00			1,025.00			
Do.	do	Apr. 30, 1904		\$100.00			348.50			
W. P. Steedman	Messenger	July 1, 1902			840					
Mary A. Agnew	Stenographer and typewriter.	Sept. 1, 1903			720					
Do.	Clerk	Sept. 16, 1903			900		29.35			







W. B. Moses & Sons.....	Mirror and chairs.....	18.50
Leidy S. Depue.....	Feed.....	193.12
Church & Stephenson.....	Lumber.....	132.50
Eberhard Eber.....	Bands, erasers, and rulers.....	137.12
Geo. F. Muth & Co.....	Lead, oil, and putty.....	160.11
Leonard Pearson.....	Revising special report.....	300.00
Potomac Electric Power Co.....	Electric current.....	67.30
Library Bureau.....	Cards and guides.....	80.19
Yawman and Erbe Manufacturing Co.....	Cases, guides, and folders.....	28.60
Mackall Bros.....	Soaps and combs.....	62.91
J. Geo. Smith.....	Penholders and pencils.....	59.40
Rudolph, West & Co.....	Hardware.....	51.18
J. B. Lambie & Co. (Incorporated).....	do.....	82.07
Publishers and Printers' Engraving Co.....	Engravings.....	33.49
Wm. H. Rupp Co.....	Books, files, and ink.....	30.35
Geo. E. Bedell.....	Repairing chairs.....	26.25
Harvard Laundry Co.....	Towel laundry.....	20.30
Capital Traction Co.....	Street car tickets.....	30.00
D. C. Paper Manufacturing Co.....	Blotting paper.....	59.40
Barber & Ross.....	Shears, files, and wire.....	22.14
J. P. Nawrath.....	Twine.....	16.22
E. Morrison Paper Co.....	Twine, paper, and paste.....	17.95
R. A. Stoute.....	Sheep, feed and freight.....	68.70
Geo. W. Millar & Co.....	Wrapping paper.....	25.00
Carter, Rice & Co. (Corporation).....	do.....	29.16
John Underwood & Co.....	Carbon paper.....	22.90
Chas. R. Edmonston.....	Hampers and buckets.....	21.93
National Electrical Supply Co.....	Electric fans.....	24.00
Chadwick Copying Book Co.....	Copying books.....	33.04
The Cutter Electric and Manufacturing Co.....	Circuit breaker.....	24.30
Thos. Somerville & Sons.....	Lavatory, trap, and pipes.....	21.80
Robert H. Treacy.....	Photographs.....	19.30
M. Du Perow.....	Desk lamps.....	13.60
The Randolph Paper Box Co.....	Pamphlet cases.....	12.50
Densmore Typewriter Co.....	Repairing typewriter.....	11.50
R. P. Clarke Co.....	Toweling.....	12.50
Wm. H. Dyer.....	Sash, doors, and molding.....	10.25
Leo Baum.....	Photos of sheep and goats.....	10.00
Z. D. Gilman.....	Thermometers and brushes.....	10.35
N. H. Shea.....	Soapine.....	3.36
Francis Miller.....	Window glass.....	6.25
Delano & Moore.....	Films.....	7.00
Hugh Reilly.....	Glue.....	7.50
Lamb & Tilden.....	Stamp racks.....	2.15
E. S. Newman.....	Paper.....	2.25
John E. Shore.....	Repairing bicycles.....	3.00
Southern Printers' Supply Co.....	Half tones.....	4.60
Geo. E. Howard.....	Fountain pens.....	3.50
The Okonite Co. (Limited).....	Wire.....	6.30

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
WASHINGTON AND MISCELLANEOUS—continued.								
Wolf Bros.						Manila envelopes		\$3.80
J. I. Holcomb Manufacturing Co.						Sweeps		9.25
J. T. Thomson						Stamping paper		3.75
Thomas R. Riley						Wooden tags		8.50
Blum Bros.						Hair brushes		6.37
The Jos. A. Gray Co.						Gray file ties		9.24
Fred. A. Schmidt						Ruling pens and paper		6.38
F. P. May & Co.						Mouse traps		1.69
J. H. Bunnell & Co.						Batteries		2.40
Wm. J. Bacon						Engraving badges		1.00
The Public Printer						Binding and printing		643.60
							\$36,049.39	\$2,383.67
SCIENTIFIC INVESTIGATIONS.								
E. A. de Schweinitz	Chief biochemic division.	July 1, 1899			\$2,500			
Do.	Biochemist in charge	Feb. 1, 1904	Feb. 15, 1904		3,000		123.63	16.20
Marion Dorset	Assistant biochemic division.	Dec. 1, 1902			2,250			
Do.	Chief of biochemic division.	Feb. 1, 1904			2,500		1,316.60	
Thos. M. Price	Assistant biochemic division.	Apr. 15, 1903			1,400		350.00	
Ernest W. Brown	Expert investigator	Oct. 16, 1900			1,200			
Do.	Scientific assistant, etc	Jan. 15, 1904			1,400		1,291.79	
C. N. McBryde	Expert biochemic division.	Sept. 17, 1902			1,200			
Do.	Scientific assistant, etc	Jan. 16, 1904			1,400		1,291.79	
B. H. Ransom	Scientific assistant in zoology.	June 1, 1903			1,200			
Do.	do.	Jan. 1, 1904			1,400		1,300.00	218.83
Geo. H. Hart	Expert in laboratory work.	July 1, 1903						
Do.	Assistant inspector	Dec. 7, 1903			1,200		1,200.00	
Carrie Myers	Clerk	Jan. 1, 1903			1,000		600.00	
Do.	do.	Jan. 1, 1904			1,200			



W. S. Stamper	do	July 1, 1902	1,000	402.20	
Do	do	Jan. 1, 1904	1,200	997.25	
Albert M. West	Assistant in Biochemie Division.	June 1, 1900	1,000		
J. N. Hornbaker	Typewriter	July 16, 1903	900	188.33	
E. C. Stevenson	Scientific assistant	June 1, 1902	840	840.00	6.30
Lena B. Goetz	Skilled laborer	July 1, 1904	720	765.11	
Do	do	Feb. 15, 1904	840		
S. D. Castleman	Laborer	July 1, 1900	720	720.00	
Alice Henderson	do	July 1, 1902	720	720.00	
Owen R. Perry	do	Sept. 16, 1901	720	720.00	
Mary A. Noone	do	May 27, 1904	480	55.60	
Louise Breton	Assistant microscopist	Nov. 1, 1901	600	499.50	
Do	Microscopist	May 1, 1904	900		
Frank L. Rector	Scientific aid	May 5, 1903	480	480.00	
Louise Douglas	Charwoman	Oct. 1, 1897	480	480.00	
Jennie Jones	do	July 1, 1900	480	39.60	
Lulu Marshall	do	July 1, 1900	480	480.00	
Kate Wasson	do	May 1, 1904	480	80.00	
C. T. Gill	Expert	do	a \$40.00	300.00	
B. M. Bolton	Classified laborer, etc	Feb. 1, 1902	a 60.00	720.00	
Jas. M. Perry	Expert assistant	Dec. 1, 1902	a 50.00	600.00	
R. C. Harley	Laborer	July 1, 1903	a 60.00	720.00	
H. J. Shore	do	May 1, 1900	a 60.00	720.00	
Fanny Tyson	do	July 1, 1898	a 50.00	600.00	
Wm. Alexander	do	July 1, 1902	a 50.00	600.00	
A. C. Cassell	do	Apr. 16, 1901	a 50.00	600.00	
V. E. Johnson	do	July 1, 1900	a 50.00	600.00	
H. Maria Patton	Laborer	July 1, 1901	a 40.00	480.00	
Sadie S. Berlin	do	May 4, 1901	a 40.00	480.00	
A. E. Phillips	do	July 30, 1900	a 40.00	67.10	
Anelia Turner	do	May 11, 1904	a 40.00	60.00	
Lewis Smith	do		a 1.00		
John R. Mohler	do				
Ch. W. Stiles	do			399.00	146.11
Geo. W. Moss	do			1.80	23.94
The Pennsylvania R. R. Co	Transportation, J. R. Mohler			245.00	
The Baltimore and Ohio R. R. Co	Transportation, B. H. Ramson			57.35	
Southern Rwy. Co.	Transportation, C. F. Flockett			3.08	
	Transportation, Stiles and Buckley			42.70	
J. S. Buckley	Traveling expenses			26.45	
J. Harrison Johnson & Son	Rent of laboratory				1,800.00
Potomac Electric Power Co.	Electric current				516.32
Washington Gas Light Co.	Gas				475.80
American Ice Co.	Ice				296.13
Chas. M. Day	Blackleg material				516.10
Marion Dorset	Culture media material				114.33
Elmer & Amend	Flasks, drugs, and microscope				480.60
Mackall Bros.	Tubing, vials, and filters				473.55
Library Bureau	Case, guides, and cards				289.02
	a Per month.				
	b Per day.				



Fred A. Schmidt. The Kny-Scheerer Co. James B. Lambie Co. (Incorporated.) J. Bishop & Co. B. P. Wendt H. C. Niles Wm. Kraft Lutz & Co. Fred B. Miller & Bro J. Karr's Sons D. J. Kaufman Geo. F. Muth & Co. M. Du Perow Wm. H. Dyer McCauley & McGill Bellevue Chemical Co. The Geo. W. Knox Express Co. D. Frank Parker James S. Topham Barber & Ross Francis Miller The M. Lindsay Rubber Co. Chas. Lentz & Sons The Hub Envelope Mfg. Co Keasbey & Mattison Co K. P. Clarke Co Densmore Typewriter Co. Philip Lindemeyer J. T. Walker Sons I. P. Roosa Andrus & Church Gaylord Bros C. A. Muddiman & Co. J. Baumgarten & Sons.	Expert in animal nutrition. Expert assistant in animal nutrition. Assistant expert in animal nutrition. Assistant	July 1, 1898 July 1, 1899 Oct. 10, 1902	1,000 840 a 35.00 b, 40	1,000.00 840.00 420.00 240.00 2,500.00	Pens, holders, and wax. Creolin Belting, zinc, and wire Platinum wire Sheep and crate Chickens and coop Covers Mail pouch Repairing scales Eight-day clock Surgeons' coats Turpentine and ink Batteries and receiver Molding Liquid gas Blood stain Drayage Copyholder Razor strap Brass, iron, and wire Window glass Rubber sheeting Sharpening knives Special cartons Pipe covering Sheeting Rubber cover Japanese tissue Barrel of lime Freight Plotting paper Adhesive paper Mantles Stencils	7.10 9.00 6.62 6.87 8.45 5.00 8.50 6.50 6.00 5.70 3.00 4.24 5.34 3.00 2.50 2.40 2.20 2.00 1.75 1.55 4.34 2.50 4.00 4.00 1.64 1.80 1.00 .90 .86 .55 .80 .35 .90 .74
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b Per hour.

a Per month.



*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
EXPERIMENT STATION, BETHESDA, MD.								
W. E. Cotton	Expert assistant	June 1, 1903			\$1,600		\$1,600.00	
Taylor Trice	Assistant messenger	July 1, 1898			720		720.00	
Herbert Henderson	Laborer	Apr. 16, 1901			480		510.00	
Do.	do	Jan. 1, 1904			540			
John Richards	do	July 1, 1896			590		500.00	
J. A. Moxley	do	July 1, 1900			a \$60.00		720.00	
Harry B. Myers	do	Aug. 1, 1902			a 60.00		720.00	
John W. Shipley	do	July 16, 1901			a 60.00		720.00	
Clayton M. Thomas	do	Aug. 1, 1902			a 60.00		720.00	
Wm. R. Poore	do	July 1, 1903			a 55.00		660.00	
Richard E. Seek	do	do			a 55.00		660.00	
Fritz Voigt	do	do			a 55.00		660.00	
Geo. M. Stadler	do	do			a 50.00		600.00	
Frank Matthews	do	do			a 45.00		540.00	
Wm. T. Pugh	do	do			a 45.00		510.00	
Do.	do	do			a 40.00			
August Voigt	do	July 1, 1902			a 45.00		510.00	
Do.	do	Jan. 1, 1904			a 40.00			
E. V. Caywood	do	July 1, 1902			a 45.00		444.67	
Do.	do	Jan. 1, 1903			a 35.00		480.00	
Geo. F. Coleman	do	Jan. 1, 1904			a 40.00		480.00	
John Fletcher	do	do			a 40.00		480.00	
Wm. J. Kirby	do	do			a 40.00		480.00	
Wm. H. Pyles	do	do			a 40.00		480.00	
James Samuel	do	do			a 35.00		450.00	
Do.	do	do			a 40.00			
Chas. Gingell	do	July 1, 1902			a 40.00		390.00	
Do.	do	Jan. 1, 1904			a 30.00		420.00	
Frank Lancaster	do	Nov. 11, 1902			a 35.00		420.00	
Jacob Leftwich	do	Jan. 1, 1903			a 35.00		420.00	
W. W. Lynch	do	Jan. 1, 1903			a 35.00		420.00	
Robt. Bilsborough	do	July 1, 1903			a 30.00		6.38	
Wm. Drummonds	do	Mar. 28, 1904			a 30.00		360.00	
Allen Holmes	do	June 5, 1903			a 30.00		360.00	
Robt. Woodland	do	Apr. 6, 1903			a 30.00		336.52	
Ledy S. Depue	do	Apr. 13, 1903				Feed	\$7,029.23	
Church & Stephenson	do					Lumber	458.70	
Geo. D. Markham	do					Cattle and hogs	631.25	
F. P. Shea	do					do	75.00	

Lewis Keiser.....	Hogs.....	500.00
Frank E. Heffner.....	.....do.....	40.00
Mrs. Mamie Price.....	Hogs.....	21.25
David Piferling.....	3 horses.....	135.00
A. Wilson & Bro.....	Coal and lime.....	596.97
The Chesapeake and Potomac Telephone Co.....	Telephone.....	314.22
Rudolph, West & Co.....	Hardware.....	192.88
Potomac Electric Power Co.....	Electric current.....	141.77
Thos. Somerville & Sons.....	Galvanized pipe, and repair- ing.....	173.73
Thomas R. Riley.....	Lumber.....	113.90
Lutz & Co.....	Harness, robe, and whips.....	109.05
Z. D. Gilman.....	Thermometers, syringes, etc.....	105.71
William Lochte.....	Horseshoeing.....	92.67
L. Leroy Lochte.....	.....do.....	96.95
Remington Typewriter Co.....	Typewriter and cover.....	92.25
Geo. F. Muth & Co.....	Kerosene and gasoline.....	80.53
Mackall Bros.....	Carbolic, cotton, and borax.....	64.83
National Electric Supply Co.....	Electric current.....	57.69
E. C. Schroeder.....	Station expenses.....	92.32
National Mortar Co.....	Cement and lime.....	57.50
Alex. St. John.....	Repairing furnace.....	48.00
W. H. Coon.....	Repairing walls.....	48.00
Edw. S. Schmid.....	Prepared feed.....	28.00
The M. Lindsay Rubber Co.....	Gloves and aprons.....	15.75
L. G. Orndorff.....	Harrow, reins, etc.....	24.60
Francis Miller.....	Oil and lampblack.....	23.58
The Randall-Faichney Co.....	Thermometers and syringes.....	22.63
E. G. Schafer & Co.....	Plumbers' material.....	17.35
Jas. B. Lambie Co., Inc.....	Zinc and rope.....	11.04
Arthur H. Thomas Co.....	Lamps and triplets.....	12.65
Woodward & Lothrop.....	Oil stoves and stand.....	11.36
W. I. Brooke.....	Traces, blades and hames.....	10.50
Jas. K. Proby.....	Wagon pole.....	9.00
Geo. N. Saegmuller.....	Repairing transit.....	9.00
E. Morrison Paper Co.....	Paper and tags.....	8.25
M. G. Copeland Co.....	Ensign flags.....	6.82
D. N. Wallford.....	Shells, No. 12.....	1.60
F. W. Bolgrano & Co.....	Seed rye.....	6.80
Malinckrodt Chemical Works.....	Potassium.....	3.51
Queen & Co., Inc.....	Squibb's alcohol.....	7.71
The Mathy Co., Inc.....	Copper boiler.....	6.50
Littlefield, Alvord & Co.....	Hauling.....	6.00
Barber & Ross.....	Buckets and glue.....	5.88
Louis Hartig.....	Galvanized wire.....	3.96
Henry Heil Chemical Co.....	Alcohol.....	.70
	15, 877.57	
	11, 714.59	

a Per month.





Burlington and Missouri River R. R. in Nebraska	Transportation, E. H. Webster	21.85	
Chicago, Burlington and Quincy Rwy. Co.	do	11.10	
The Missouri Pacific Rwy. Co.	do	3.23	
Michigan Central R. R.	Transportation, G. M. Rommel	5.00	
Grand Trunk Rwy.	do	3.40	
Kansas City Southern Rwy. Co.	Transportation, M. W. Lang	9.15	
Southern Rwy. Co.	do	6.80	
Henry E. Alvord	Miscellaneous expenses	76.48	
W. I. Young & Co.	Butter	2,901.90	
The Continental Creamery Co.	do	880.83	
Hanford Produce Co.	Butter	10.92	
Chas. M. Shank	do	3.45	
A. M. Lyman	do	11.02	
Stephen Abbey	do	6.00	
Cornell University	do	7.83	
Simpson, McIntire & Co.	do	4.80	
Hampton Cooperative Creamery Co.	do	2.60	
W. S. Goodhue	Rents in Chicago	600.00	
John S. Martin & Co.	Rents in New York	504.00	
Do.	Cheese	737.10	
A. B. Hargrave	do	12.54	
Merchants' Refrigerating Co. of New York	Storage	279.40	
The Draper Manufacturing Co.	Thermometers	120.00	
U. S. Envelope Co.	Envelopes	70.60	
Union Envelope Co.	do	15.40	
Delano & Moore	Photographic supplies	43.62	
The Drymen's Supply Co.	Beaming apparatus	20.02	
Church & Stephenson	Lumber	20.02	
The Friedenwald Co.	Export certificates	42.02	
Francis Miller	Window glass	18.50	
Borden & Selleck Co.	Scale No. 597	1.006	
Yawman & Erbe Manufacturing Co.	Files and indexes	12.17	
Scientific Engraving Co.	Engravings	12.00	
F. L. Nichols	Worm-gear machine	12.00	
The Geo. W. Knox Express Co.	Drayage	4.12	
J. H. Bunnell & Co.	Shades	4.10	
National Electrical Supply Co.	Lamp holder	1.40	
Chesapeake and Potomac Telephone Co.	Telegram	1.20	
I. P. Roost	Expressage	1.00	
Potomac Electric Power Co.	Electric current	.68	
Geo. F. Muth & Co.	Ink	.83	
Fred. A. Schmidt	Crayons	.25	
		18,289.18	
		6,937.99	
		6,538.94	

b Per day.

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

ANIMAL QUARANTINE STATIONS—BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
Athenia, N. J.									
George W. Pope	Superintendent	Sept. 15, 1900			\$1,600		\$1,600.00	\$131.88	
Granville H. Parks	Architect	July 1, 1902			1,600		665.20	10.20	
Edgar Gill	Stock examiner	Nov. 1, 1902			900		900.00		
Jno. Boyd Kay	Agent	Apr. 10, 1901			900		867.91		
John B. Roberts	Tagger	Mar. 10, 1900			720		478.70		
Rafaele Di Biase	Mason			\$4.40			63.80		
Liberato Pinto	do			4.40			37.95		
Eugene Chenux	Carpenter			3.20			41.60		
Michl. McMahon	do			3.20			9.60		
John Prins	do			3.20			118.40		
John Van Iderstine	do			3.20			28.80		
Chas. Van Winkle	do			3.20			188.00		
Adrian Vogelzang	do			3.20			28.80		
John Van Winkle	do			3.20					
Do.	Laborer			2.50			805.90		
A. Aleff	do			1.75			199.94		
Rice Bonton	do			1.75			9.62		
Joe Brunswick	do			1.75			8.75		
Timothy Coleman	do			1.75			206.73		
John Cornelius	do			1.75			273.01		
C. Crip	do			1.75			199.95		
Arm Doornhein	do			1.75			173.69		
Age Faber	do			1.75			214.60		
Eeltje Faber	do			1.75			150.07		
W. J. Fry	do			1.75			26.69		
Fred Gill	do			1.75			63.22		
Joe Griffin	do			1.75			204.76		
Fret Hofter	do			1.75			199.07		
J. Hoogesteger	do			1.75			282.63		
Jno. Keukelaar	do			1.75			187.04		
X. Moughn	do			1.75			200.17		
Dominic Noval	do			1.75			208.69		
L. A. Pepon	do			1.75			160.56		
Chas. Petrowie	do			1.75			188.57		
Frank Plog	do			1.75			17.06		
Mike Post	do			1.75			78.76		
L. Slaughter	do			1.75			1.75		
Joe Strudwick	do			1.75			86.63		
Edw. Stumpf	do			1.75			82.26		

Stony Woity.....	do	1.75	110.25	Traveling expenses.....	14.35	17,002.78
D. E. Salmon.....				do	15.40	3,336.00
S. R. Burch.....				Passenger and freight trans- portation.....	20.00	200.00
The Pennsylvania R. R. Co.				Building barns.....		311.28
The David Henry Building Co.				8.34 acres of land.....		26.90
Estate of Cornelius Van Winkle.				1 acre of land.....		250.66
Conrad Ploch.....				Lumber.....		250.85
The Anderson Lumber Co.				do		221.84
S. M. Birch Lumber Co.				Feed and salt.....		117.85
R. J. O'Brien & Bros. Co.				do		79.80
John Post.....				Hardware and gasoline.....		63.35
Charles Hubinger.....				Telephone service.....		46.50
The N. Y. and N. J. Telephone Co.				Plumbing and material.....		41.33
R. W. Burrell.....				Material for truck.....		44.68
Dorcumus & Snyder.....				Rock and roller.....		39.74
F. J. Marley.....				Forge, anvil, etc.....		37.00
Quackenbush & Sons.....				Making abstracts.....		35.00
John J. Slater.....				Seed oats and grass.....		31.05
Campbell, Morrell & Co.				Painting.....		37.50
W. G. Henning & Son.....				do		29.00
Morris Miller.....				Sand for concreting.....		24.39
A. H. Post.....				Fruit trees.....		24.18
Thomas Meehan & Sons.....				Roofing paper.....		19.86
Geo. A. Myers & Co.				Horseshoeing.....		12.50
W. M. Lawson.....				Paints and oils.....		6.75
Biddell & Bogart Painters' Sup- ply Co.				Hay.....		13.50
Passaic Feed Co.....				Carbolic acid and lime.....		6.00
P. V. R. Post.....				Storm sashes.....		5.15
F. H. Crane.....				Sash for barn.....		3.41
Milton P. Hayward.....				Use of horse.....		5.20
Kelhoe Livery and Trucking Co.				Grass seed.....		2.52
H. B. Kesse.....				Flag.....		
M. G. Copeland Co.....				Hardware.....		
The J. A. Van Winkle Co.				Advertising.....		
The Evening News Publishing Co.				do		
News Publishing Co.....						
<i>Hatchthorpe, Md.</i>						
Wm. H. Wade.....	Superintendent	900	900.00	Rent.....		24.96
The Real Estate and Improv- ment Co. of Baltimore.				Repairs to windmill.....		225.00
Rawlings Implement Co.				Traveling expenses.....	9.55	25.43
S. R. Burch.....						
<i>Littleton, Mass.</i>						
Harry F. Hume.....	Laborer	720	718.10			
John Callahan.....	do	1.50	219.00			



GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY.

CONTAGIOUS DISEASES INSPECTION.	Inspector.	Oct. 1, 1899	Jan. 3, 1904	\$2,000	\$616.20	\$25.80	\$15.23
A. G. G. Richardson.	Inspector.	Oct. 1, 1899		\$2,000			
Do.	do	Dec. 1, 1903		1,800			
Geo. S. Hickox	Agent and expert	July 1, 1903		1,600	800.00	282.34	51.50
John Forbes.	Inspector.	Sept. 1, 1898	Jan. 3, 1904	1,600	678.39	219.06	
John McBirney	do	Dec. 1, 1898		1,600	800.00	594.75	
A. A. Holcombe.	do	Jan. 1, 1903		1,500			
Do.	do	May 1, 1904		1,600	750.00	442.47	
Harry B. Adair.	do	Feb. 1, 1903		1,500	750.00		
Leslie J. Allen.	do	Jan. 1, 1903		1,500	1,001.30	380.25	
Thos. A. Bray	do	May 1, 1903		1,500	1,001.30	178.30	
Lowell Clarke.	do	Apr. 1, 1903		1,500	750.00	294.45	
E. N. Hutchinson	do	do		1,500	672.51	354.25	
Peter I. Kershner	do	June 1, 1903		1,500	750.00	87.90	
John A. Kiernan	do	June 15, 1903		1,500	497.20	164.85	
John V. Laddey	do	May 1, 1901		1,500	372.20	97.50	
Geo. A. Bond.	do	Mar. 1, 1901		1,400	708.50	439.15	
Do.	do	Dec. 1, 1903		1,500			

C. H. Bugbee.....	do	Sept. 16, 1901	1,400	700.00	565.00	.....
Do.....	do	Jan. 1, 1904	1,500	716.50	.....	.....
Dean G. Cooper.....	do	Apr. 1, 1901	1,400	700.00	331.50	.....
Do.....	do	Nov. 1, 1903	1,500	716.50	375.35	.....
Roy N. Drake.....	do	Sept. 16, 1901	1,400	716.50	42.71	3.38
Do.....	do	Jan. 1, 1904	1,500	819.20	403.05	.....
F. C. Eells.....	do	Apr. 1, 1901	1,400	976.30	50.95	.....
Do.....	do	Nov. 1, 1903	1,500	708.50	298.30	.....
W. P. Ellenberger.....	do	Sept. 1, 1901	1,400	708.50	482.05	.....
Do.....	do	Jan. 1, 1904	1,500	942.80	201.55	.....
D. C. Hannawalt.....	do	Sept. 16, 1901	1,400	700.00	280.00	.....
Do.....	do	Jan. 1, 1904	1,500	700.00	287.25	.....
F. W. Hopkins.....	do	Sept. 16, 1901	1,400	700.00	85.25	.....
Do.....	do	May 1, 1904	1,500	700.00	119.10	.....
Walter E. Howe.....	do	Oct. 1, 1903	1,400	700.00	541.95	.....
Do.....	do	Jan. 1, 1901	1,500	700.00	437.55	.....
J. Otis Jacobs.....	do	Dec. 1, 1903	1,400	700.00	153.80	.....
Do.....	do	May 1, 1901	1,500	887.28	206.24	.....
Louis A. Klein.....	do	Dec. 1, 1903	1,400	819.20	61.34	.....
Do.....	do	Jan. 1, 1904	1,500	232.10	60.00	.....
M. S. Lantz.....	do	Apr. 1, 1901	1,400	700.00	147.80	.....
Do.....	do	Sept. 16, 1901	1,500	815.40	231.60	.....
Louis Mersker.....	do	Jan. 1, 1904	1,400	700.00	150.90	.....
Do.....	do	Sept. 16, 1901	1,500	700.00	184.25	.....
Jos. W. Parker.....	do	Jan. 1, 1904	1,400	700.00	133.12	50.00
Do.....	do	Sept. 16, 1901	1,500	701.30	275.82	.....
Adolph J. Pistor.....	do	Apr. 1, 1902	1,400	700.00	476.00	.....
Do.....	do	Sept. 16, 1901	1,500	700.00	303.50	.....
Do.....	do	June 1, 1903	1,400	700.00	146.94	.....
Robt. A. Ramsay.....	do	Sept. 1, 1901	1,400	819.20	297.85	25.75
Do.....	do	Jan. 1, 1904	1,500	700.00	328.40	.....
Do.....	do	Sept. 1, 1901	1,400	700.00	387.15	.....
Hugh M. Rowe.....	do	Jan. 1, 1904	1,500	700.00	82.84	.....
Do.....	do	Sept. 16, 1901	1,400	700.00	129.31	.....
Do.....	do	Jan. 1, 1904	1,500	700.00	.....	.....
Geo. E. Totten.....	do	Sept. 16, 1901	1,400	700.00	.....	.....
Do.....	do	Jan. 1, 1904	1,500	700.00	.....	.....
A. H. Wallace.....	do	Apr. 1, 1902	1,400	700.00	.....	.....
Do.....	do	Sept. 16, 1901	1,500	700.00	.....	.....
G. W. Browning.....	do	Apr. 1, 1902	1,400	700.00	.....	.....
Emerson J. Cary.....	do	Sept. 16, 1901	1,500	700.00	.....	.....
W. S. Cass.....	do	June 1, 1903	1,400	700.00	.....	.....
C. A. Clawson.....	do	Sept. 1, 1903	1,400	700.00	.....	.....
Wm. R. Fleming.....	do	Feb. 1, 1903	1,400	700.00	.....	.....
E. J. Foreman.....	do	Mar. 16, 1903	1,400	700.00	.....	.....
A. R. Glaisyer.....	do	Feb. 15, 1903	1,400	700.00	.....	.....
Joseph M. Good.....	do	Aug. 3, 1903	1,400	700.00	.....	.....
H. J. Hammond.....	do	Apr. 1, 1902	1,400	700.00	.....	.....
John J. Hayes.....	do	Apr. 1, 1902	1,400	700.00	.....	.....
Willis B. Lincoln.....	do	Sept. 1, 1902	1,400	700.00	.....	.....
W. M. MacKellar.....	do	July 12, 1902	1,400	700.00	.....	.....
W. H. Meadors.....	do	May 1, 1901	1,400	700.00	.....	.....
I. W. O'Rourke.....	do	June 1, 1903	1,400	700.00	.....	.....
Herman R. Kyder.....	do	do	1,400	700.00	.....	.....
Wm. G. Shaw.....	do	Sept. 1, 1902	1,400	700.00	.....	.....
Do.....	do	July 15, 1902	1,400	700.00	.....	.....
Do.....	do	Mar. 1, 1902	1,400	700.00	.....	.....
Do.....	do	Aug. 3, 1903	1,400	700.00	.....	.....

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
CONTAGIOUS DISEASES INSPECTION—continued.									
John A. Sloan.....	Inspector.....	June 16, 1902			\$1,400		\$934.60	\$111.65	
Nathl. B. Smith.....	do.....	May 15, 1902			1,400		700.00	300.10	
N. L. Townsend.....	do.....	Aug. 1, 1902			1,400		700.00	63.75	
Robt. H. Treacy.....	do.....	Sept. 16, 1901			1,400		700.00	277.20	
Thos. White.....	do.....	Sept. 1, 1902			1,400		700.00	105.25	
Alex. E. Wight.....	do.....	Mar. 1, 1902			1,400		464.20	169.50	
W. W. Worcester.....	do.....	Sept. 1, 1902			1,400		700.00	256.75	
Henry C. Babcock.....	Assistant inspector	July 1, 1900			1,200		115.40		
Do.....	Inspector.....	Sept. 1, 1903			1,400				
F. W. Brewer.....	Assistant inspector	Oct. 1, 1902			1,200		884.60	403.61	
Do.....	Inspector.....	Oct. 1, 1903			1,400				
John L. Burgett.....	Assistant inspector	June 18, 1901			1,200		817.60	132.82	
Do.....	Inspector.....	Feb. 1, 1904			1,400				
H. H. Collins.....	Assistant inspector	May 24, 1902			1,200		666.40	352.25	
Do.....	Inspector.....	Sept. 1, 1903			1,400				
Adolph Eichhorn.....	Assistant inspector	Mar. 25, 1901			1,200		115.40	45.50	
Do.....	Inspector.....	Apr. 1, 1904			1,400				
Marion Imes.....	Assistant inspector	Aug. 5, 1901			1,200		416.50	328.92	
Do.....	Inspector.....	Feb. 1, 1904			1,400				
A. N. Irwin.....	Assistant inspector	Aug. 5, 1901			1,200		612.11	313.75	
Do.....	Inspector.....	Oct. 1, 1903			1,400				
Geo. Jerome.....	Assistant inspector	Nov. 24, 1902			1,200		513.20	176.00	
Do.....	Inspector.....	Mar. 1, 1904			1,400				
W. L. Johnson.....	Assistant inspector	May 23, 1901			1,200		650.00	178.20	
Do.....	Inspector.....	Oct. 1, 1903			1,400				
Chas. A. McCall.....	Assistant inspector	Apr. 1, 1901			1,200		765.40	297.00	
Do.....	Inspector.....	Oct. 1, 1903			1,400				
Theo. S. Rich.....	Assistant inspector	June 25, 1902			1,200		431.00	108.10	
Do.....	Inspector.....	Nov. 1, 1903			1,400		400.00	34.55	
Stephen L. Blount.....	Assistant inspector	May 1, 1903			1,200		98.90		
Walter C. Bower.....	do.....	Feb. 17, 1903			1,200		88.90	17.45	
A. T. Coleman.....	do.....	June 15, 1903			1,200		600.00	166.20	
W. F. Crewe.....	do.....	Sept. 25, 1900			1,200		498.90	77.15	
Chas. W. Deming.....	do.....	June 1, 1901			1,200		337.80	159.95	
Jas. E. Ellis.....	do.....	Mar. 12, 1903			1,200		98.90	2.55	
Timothy C. Hays.....	do.....	June 17, 1903			1,200		598.90	240.20	
Wm. L. Hatt.....	do.....	Nov. 1, 1902			1,200		600.00	207.55	
W. H. Hurst.....	do.....	Jan. 24, 1903			1,200				







J. F. Hughes	do	2.85
E. C. Joss	do	1.50
Southern Rwy. Co.	Transportation, Ellenberger et al.	216.37
Nashville, Chattanooga and St. Louis Rwy.	Transportation, Ellenberger	7.40
Chicago and Northwestern Rwy. Co.	Transportation, McCabe, Cosford, et al.	139.40
The Pennsylvania R. R. Co.	Transportation, McCabe, Kierman, et al.	78.00
Chicago, Burlington and Quincy Rwy. Co.	Transportation, McCabe, Holcombe, et al.	37.05
Pullman Co.	do	
Burlington and Missouri River R. R. in Nebraska.	Transportation, Forbes, Ellis, et al.	21.50
Union Pacific R. R. Co.	Transportation, Jones, Parker, et al.	131.55
Louisville and Nashville R. R. Co.	Transportation, R. A. Ban, Painter, et al.	80.85
Denver and Rio Grande R. R. Co.	Transportation, Clarke and Hanawalt.	63.00
New York Central and Hudson River R. R. Co.	Transportation, E. J. Cary	61.50
Oregon Short Line R. R.	do	63.75
Baltimore and Ohio R. R.	Transportation, Irwin	16.30
St. Louis and San Francisco R. R. Co.	Transportation, Nighbert	27.00
New York, New Haven and Hartford R. R.	Transportation A. E. Wight	23.50
The Wabash R. R. Co.	Transportation A. G. G. Richardson.	37.75
Atlantic Coast Line R. R.	do	23.50
Cincinnati, New Orleans and Texas Pacific Rwy. Co.	do	13.75
Southern Pacific Co.	Transportation W. E. Hill	4.50
Northern Pacific Rwy. Co.	Transportation G. S. Hickox	44.75
The Missouri Pacific Rwy. Co.	Transportation J. E. Ellis	13.95
Chicago, Milwaukee and St. Paul Rwy.	Transportation Holcombe	5.80
Great Northern Rwy. Co.	do	6.53
Old Dominion S. Co.	Transportation F. D. Owen	3.35
W. S. Cass	Horse and buggy	9.00
R. G. Merrill	do	204.00
Aug. C. Jens.	do	150.00
J. W. Davis	do	150.00
Louis A. Klein	Saddle horse	126.00
Thos. A. Bray	do	225.00
Wm. D. Jordan	do	225.00
F. Auerbach & Bro.	Rent	225.00
The Kansas City Stock Yards Company of Missouri.	do	180.00
	do	135.00

<sup>a</sup> Per month.

<sup>b</sup> Per day.



*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
CONTAGIOUS DISEASES INSPECTION—continued.									
C. Deaderick						Rent			\$60.00
C. B. Hart						do			36.00
Knoxville Office Co						do			16.00
Gulf Refining Co						50 barrels crude oil			261.60
Bausch & Lomb Optical Co						Applanatic triplets			76.70
Rocky Mountain Bell Telephone Co						Telephone service			45.00
H. M. Rowe						do			18.00
W. E. Howe						do			7.50
A. A. Holcombe						do			5.00
F. P. Burnap S. and P. Co.						Desks, chair, and file			74.45
T. M. Michaels						Filing cabinet			32.35
Robert Keith F. and C. Co.						Typewriter desk			22.50
Allen Stephenson & Co.						Chair			3.50
G. A. Johnson						Petroleum and storage			8.85
T. J. Edwards						Copying laws			9.10
American Linen Supply Co						Towel service			6.00
Dean G. Cooper						Team and driver			1.25
J. B. Clancy						Tacks for placards			.90
Oregon Statesman						Advertising			2.30
Carson City News						do			1.80
The Capital Journal Co						do			2.30
Oklahoma State Capital						do			1.65
The Morning Olympian						do			1.10
The Dispatch Printing Co						do			2.61
Salt Lake Tribune						do			2.42
New Mexican Printing Co						do			2.00
Gammel Statesman						do			5.50
Independent Publishing Co						do			2.01
Republican Publishing Co						do			4.20
Topeka State Journal						do			1.05
Register and Leader						do			1.34
Tablequah Arrow						do			4.20
Arizona Publishing Co						do			2.40
Tribune Printing Co						do			2.01
The Sacramento Union						do			3.67
							\$75, 157.04	\$25, 748.67	2, 503.11







IMPORT CATTLE INSPECTION—BUREAU OF ANIMAL INDUSTRY.

[illegible]

CANADIAN INSPECTION.					
	Inspector				
Benj. Howes.....	Apr. 15, 1903	\$1,500	\$123.60	\$35.95	
John P. O'Leary.....	do.....	1,500	119.60	25.82	
W. N. D. Bird.....	Sept. 1, 1901	1,400			
Do.....	Jan. 1, 1904	1,500			
Harry M. Ball.....	Mar. 1, 1902	1,400	363.60	54.20	
C. O. Durfee.....	June 15, 1903	1,400	119.20	20.15	
F. M. Perry.....	June 1, 1900	1,400	114.20	11.86	
E. L. Volgenau.....	Oct. 1, 1899	1,400	1,233.99	107.65	
G. W. Ward.....	Apr. 1, 1901	1,400	119.20	17.65	
H. D. Wayne.....	Mar. 1, 1897	1,400	1,400.00	162.35	
G. L. Morin.....	Jan. 1, 1902	1,200	1,026.37	79.15	
S. Sonerville, jr.....	Feb. 1, 1904	1,200	1,200.00	111.25	
Wm. C. Woodton.....	Oct. 7, 1901	1,200	94.57	6.90	
Ransom Hinkson.....	Apr. 25, 1896	1,200	297.80	28.90	
Do.....	Apr. 1, 1904	720			
John A. Bell.....	June 12, 1902	840	750.00		
Chas. Cowie.....	April 1, 1901	\$8.00	280.00	62.18	
F. L. Russell.....	Sept. 1, 1894	8.00	1,168.00	105.55	
D. Cumming.....	July 1, 1898	5.00	720.00	358.58	
Orlando Fling.....	Nov. 1, 1903	5.00	740.00		
Hervey T. Potter.....	May 10, 1899	{ 3.00 }	240.00	41.00	
Jno. F. Deadman.....	June 1, 1899	5.00	157.00	39.25	
M. E. Ryder.....		3.00	132.00		
			Traveling expenses	22.20	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

IMPORT CATTLE INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries,	Travel- ing.	Miscella- neous.		
CANADIAN INSPECTION—cont'd.											
L. A. Robinson.....						Traveling expenses.....		\$10.70			
B. P. Wendt.....						do.....		5.10			
G. A. Hanvey, jr.....						do.....		2.15			
N. V. C. & H. R. R. Co.....						Transportation, Mayne.....		29.50			
<i>Inspections in Great Britain.</i>											
Tozie A. Geddes.....	Special inspector.....	June 1, 1903			\$2,500	Travel and miscellaneous ex- penses.	\$2,500.00	661.70	\$25.90		
Do.....							12,909.13	1,999.64		25.90	

EXPORT CATTLE INSPECTION—BUREAU OF ANIMAL INDUSTRY.

<i>Baltimore, Md.</i>								
H. A. Hedrick.....	Inspector.....	July 16, 1893			\$1,600		\$1,600.00	\$14.70
Isaac L. Ball.....	Clerk.....	Dec. 1, 1892			1,200		1,200.00	
Wm. J. Sullivan.....	Tagger.....	Aug. 14, 1893			720		817.88	
Do.....	Stock examiner.....	Dec. 16, 1903			900		720.00	
Wm. Bennett.....	Tagger.....	Apr. 16, 1893			720		720.00	
Jos. E. Blondell.....	do.....	do.....			720		720.00	
Chas. Eisenreich.....	do.....	Mar. 16, 1894			720			
H. A. Hedrick.....	do.....					Hire horse and buggy.....		44.00
N. Rufus Gill.....	do.....					Office rent.....		125.00
Maryland Telegraph and Telephone Co.....	do.....					Telephone service.....		47.47
The Chesapeake and Potomac Telephone Co.....	do.....					do.....		33.60
J. R. M. Adams.....	do.....					Steel tape line.....		2.50
<i>Boston, Mass.</i>								
James F. Ryder.....	Veterinary inspector.....	Oct. 1, 1892			2,000		500.00	60.00
Rice P. Steddon.....	Inspector.....	Apr. 1, 1903			1,800		749.90	81.85
T. W. Carmichael.....	do.....	do.....			1,500		876.40	

P. H. Mullowney	do	do	do	1,500	876.40		
H. Q. Thompson	Vessel inspector	May 1, 1903	do	1,500	251.40		
Thomas Coyle	Clerk	Feb. 15, 1903	do	1,400	817.90		
Cyrus K. Small	Stock examiner	May 1, 1903	do	1,200	701.10		
Frank P. Nowlan	Tagger	Mar. 1, 1892	do	900	226.60		
L. L. Bullard	do	Sept. 28, 1891	do	720	418.70		
F. H. Burleigh	do	Oct. 23, 1899	do	720	420.60		
Walter H. Hersey	do	Mar. 1, 1900	do	720	420.60		
C. B. Hutchinson	do	do	do	90.00	315.77		
The Cuyard Steamship Co. (Ltd.)	do	do	do				
Trustees of the Milk Street Trust	do	do	do				
Geo. E. Francis	do	do	do				150.00
New England Telegraph and Telephone Co.	do	do	do				105.00
Dantorth & Co	do	do	do				63.00
Boston Ice Co	do	do	do				7.34
	do	do	do				1.00
<i>Buffalo, N. Y.</i>							
Bernard P. Wende	Inspector	Apr. 15, 1903	do	1,600	1,600.00		
W. N. D. Bird	do	Sept. 1, 1901	do	1,400	237.80		
Do	do	Jan. 1, 1904	do	1,500	254.20		
Benj. Howes	do	Apr. 15, 1903	do	1,500	502.70		
J. P. O'Leary	do	do	do	1,500	122.20		
L. A. Robinson	do	Mar. 1, 1902	do	1,400	145.80		
Harry M. Ball	do	June 15, 1903	do	1,400	142.03		
C. O. Durice	do	July 15, 1902	do	1,400	350.00		
H. R. Ryder	do	Oct. 1, 1899	do	1,400	117.90		
E. L. Volgenau	do	Feb. 1, 1904	do	1,200	203.30		
S. Somerville, jr.	Assistant inspector	Oct. 7, 1901	do	1,200	101.10		
Wm. C. Wootton	Clerk	May 1, 1893	do	1,000	1,000.00		
Albert H. Hoyt	Stock examiner	Feb. 15, 1896	do	900	375.80		
H. L. Rieman	Tagger	Mar. 6, 1901	do	720	720.00		
Chas. W. Pagle, jr.	do	do	do				120.00
E. Buffalo Live Stock Exchange Co.	do	do	do				15.10
The Bell Telephone Co. of Buffalo	do	do	do				7.31
Fowler Mfg. Co., Ltd.	do	do	do				
<i>Chicago, Ill.</i>							
James Fleming	Inspector	May 1, 1903	do	1,500	1,500.00		
Max Wolf	Clerk	Feb. 1, 1896	do	1,000	1,000.00		
Arda Watson	Live-stock agent	Jan. 1, 1894	do	900	900.00		
Dighton Granger	Stock examiner	June 1, 1898	do	900	900.00		
Jere. Holland	do	Jan. 1, 1903	do	900	900.00		
De L. Howard	do	Feb. 1, 1903	do	900	900.00		
M. J. Quirk	do	Jan. 16, 1895	do	900	900.00		
P. H. Griffin	Tagger	Feb. 15, 1894	do	720	720.00		
M. M. Murray	do	Dec. 15, 1893	do	720	692.77		
Richd. Walsh	do	June 1, 1894	do	720	712.13		
J. C. Whitney	do	Oct. 1, 1898	do	720	540.00		
	do	Mar. 31, 1904	do				



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

EXPORT CATTLE INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Miscellaneous.
<i>Chicago, Ill.—Continued.</i>								
Union Stock Yard and Transit Co.								\$300.00
O. E. Dyson								6.40
<i>New York, N. Y.</i>								
W. H. Rose	Inspector	June 1, 1903			\$2,250		\$2,250.00	193.50
Henry Brister	do	Apr. 15, 1903			1,500		1,500.00	
Thomas Castor	do	Jan. 1, 1903			1,500		1,500.00	
Saml. G. Hendren	do	Mar. 1, 1901			1,400		1,466.50	
Do	do	Nov. 1, 1903			1,500			
James Flannery	Vessel inspector	Feb. 1, 1900			1,200		1,200.00	
Jos. P. McEuaney	Clerk	Sept. 1, 1893			1,200		1,200.00	
S. Royden Burch	Special agent	June 9, 1902			1,000		1,000.00	
Wm. Foley	Stock examiner	Jan. 1, 1894			1,000		1,000.00	
Chas. F. Cramer	do	Oct. 1, 1901			900		900.00	
Geo. Messmer	Tagger	Sept. 15, 1903			720		802.63	
Do	Stock examiner	Jan. 16, 1904			900			
Geo. E. Schumacher	Tagger	Feb. 6, 1896			720			
Do	Stock examiner	Jan. 1, 1904			900		810.00	
Guy A. Sharp	Tagger	Jan. 28, 1901			720			
Do	Stock examiner	Jan. 1, 1904			900		810.00	
James Stikeman						Office rent		500.00
New York Telephone Co.						Telephone		119.19
Weehawken Stock Yard Co.						do		40.05
New York and New Jersey Telephone Co.						do		36.25
R. P. Coady						Repairing furniture		24.50
<i>Philadelphia, Pa.</i>								
George Carter	Vessel inspector	Feb. 1, 1900			1,200		1,200.00	
John Biehl	Laborer	Feb. 15, 1901		\$2.00			144.00	
Chas. A. Schaufel						Livery and miscellaneous expenses.		203.05
The Bell Telephone Co., of Philadelphia.						Telephone service		80.00

<i>Pittsburg, Pa.</i>	F. W. Ainsworth.....	Inspector.....	Apr. 1, 1903	1,500	1,500.00	15.72
	W. O. McHugh.....	Assistant Inspector	May 10, 1902	1,200	798.90	
	Robt. W. Culbert.....	Tagger.....	Sept. 18, 1903	720	506.81	
	Wm. Miller.....	Laborer.....	Sept. 9, 1900	2.00	11.00	
	Saml. Wilkinson.....	do.....	Oct. 9, 1895	2.00	1.00	75.00
<i>Pittsburg Union Stock Yards Co.</i>						
<i>Portland, Me.</i>	F. W. Huntington.....	Inspector.....	June 1, 1896	1,200	1,200.00	2.00
	F. W. Sergeant.....	Laborer.....	Dec. 1, 1896	2.00	580.00	150.00
	Grand Trunk Rwy. System New England Telegraph and Telephone Co.					50.00
<i>Norfolk, Va.</i>	Geo. C. Faville.....	Inspector.....	Feb. 1, 1899	1,600	1,600.00	71.55
	Sol. Miller.....	Stock examiner	May 1, 1894	1,000	1,000.00	
	Walter E. Stoner.....	do.....	Oct. 1, 1901	900	900.00	
	T. F. Rogers, agent.....				Rent	210.00
<i>Great Britain.</i>	Wm. H. Wray.....	Veterinary inspector	Feb. 1, 1894	2,000	4,575.00	
	Jas. F. Ryder.....	do.....	Oct. 1, 1892	1,500	1,500.00	\$152.77
	Jas. Johnson.....	Inspector.....	Apr. 1, 1903	2,000	750.00	240.00
	Caroline Burnaby.....	Clerk.....	Oct. 31, 1903	a 40.00	160.00	20.50
	Wm. H. Wray.....				Telephone, postage, and rent	165.72
	Phibbs, Gibson & Co.....				Rent	144.76
	White Star Line.....				Transportation, Johnston	60.00
<i>Miscellaneous.</i>	M. E. Knowles.....	Inspector.....	July 10, 1901	4.00	20.00	55.50
	Wm. C. Siegmund.....				Traveling expenses	50.20
	A. G. G. Richardson.....				do.....	62.94
	E. L. Volgenau.....				do.....	16.88
	Edw. K. Ward.....				do.....	8.95
	L. K. Green.....				do.....	6.53
	R. W. Hickman.....				do.....	4.25
	R. P. Steddon.....				do.....	3.20
	New Orleans and Northeastern R. Co.				Transportation, Richardson	18.10
	Chicago Car Seal and Manufacturing Co.				Tin tags	657.30
	Wm. E. Pratt.....				Hog rings and ringers	557.45
	Geo. E. Howard.....				Export certificates	30.00
	Wm. J. Crawford.....				Hauling	1.20

EXPORT CATTLE INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
<i>Miscellaneous—Continued.</i>									
Baltimore and Ohio R. R. Co.									\$2.09
The Pennsylvania R. R. Co.							Freight on tags		1.40
Chesapeake and Ohio Rwy. Co.							do		.69
Eric R. R. Co.							do		1.95
Philadelphia and Reading Rwy. Co.							Freight on hog rings		.75
E. P. Schaffner							Street-car fares		.90
								\$58,776.82	\$820.29
									4,551.09

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY.

<i>Chicago, Ill.</i>								
O. E. Dyson	Inspector	Sept. 15, 1902			\$2,250		\$2,437.50	\$75.02
Do.	do	Oct. 1, 1903			2,500			
S. W. Burt	do	Dec. 15, 1900			1,600			
Do.	do	Mar. 1, 1903			1,800		1,716.80	
Morris Wooden	do	Dec. 16, 1899			1,800		1,785.27	
O. J. Lanigan	do	Jan. 16, 1897			1,600		1,600.00	
John C. Milnes	do	May 24, 1901			1,600		800.00	\$23.67
Wm. H. Smith, jr	do	Nov. 1, 1902			1,600			
Do.	do	Dec. 1, 1903			1,600		1,558.40	
L. Enos Day	do	Apr. 1, 1903			1,500		933.34	
W. A. Savage	do	Mar. 16, 1903			1,500		743.23	
Wm. C. Stegmann	do	May 1, 1903			1,500		1,393.98	
W. J. Stewart	do	Dec. 1, 1902			1,500		370.90	
Frank S. Tufts	do	May 1, 1903			1,500		1,500.00	
Ira K. Atherton	do	Sept. 1, 1898			1,400		1,463.62	
Do.	do	Oct. 1, 1903			1,500			
O. G. Atherton	do	Feb. 1, 1900			1,400		1,475.00	
Do.	do	Oct. 1, 1903			1,500			
Wm. A. Brulette	do	July 1, 1896			1,400			
Do.	do	Oct. 1, 1903			1,500		1,432.87	



Herman Busman	do	Mar. 1, 1901	1,400	1,466.50
Do	do	Nov. 1, 1903	1,500	
J. G. Fish	do	Jan. 16, 1895	1,400	1,101.30
Do	do	Oct. 1, 1903	1,500	
H. W. Hawley	do	June 1, 1900	1,400	1,475.00
Do	do	Oct. 1, 1903	1,500	
James G. Hope	do	July 1, 1901	1,400	1,038.27
Do	do	Feb. 1, 1904	1,500	
Geo. A. Lytle	do	Apr. 1, 1901	1,400	1,466.50
Do	do	Nov. 1, 1903	1,500	
M. T. Naughton	do	Aug. 1, 1901	1,400	1,441.50
Do	do	Feb. 1, 1904	1,500	
Don W. Patton	do	July 1, 1900	1,400	1,475.00
Do	do	Oct. 1, 1903	1,500	
E. L. Siggins	do	Sept. 1, 1893	1,400	1,425.00
Do	do	Apr. 1, 1904	1,500	
E. L. Bertram	do	Apr. 1, 1902	1,400	467.90
A. M. Casper	do	Jan. 1, 1895	1,400	1,334.97
Louis P. Cook	do	Mar. 16, 1903	1,400	266.23
W. I. Dillingham	do	June 15, 1903	1,400	1,400.00
Arthur C. Hart	do	June 1, 1903	1,400	467.90
Harry G. Moore	do	June 1, 1900	1,400	426.12
Thos. L. Rice	do	Mar. 1, 1901	1,400	725.58
Burton E. Rogers	do	June 1, 1903	1,400	350.00
S. H. Caldwell	do	Dec. 27, 1900	1,200	1,300.00
Do	Assistant inspector	Jan. 1, 1904	1,400	
Joel E. Cloud	do	Dec. 15, 1900	1,200	1,304.82
Do	Assistant inspector	Dec. 16, 1903	1,400	
H. H. Cohenor	do	June 1, 1901	1,200	1,216.50
Do	Inspector	June 1, 1904	1,400	
Hazen H. Hicks	do	Dec. 18, 1900	1,200	1,308.68
Do	Inspector	Dec. 16, 1903	1,400	
Robert Jay	do	Mar. 25, 1901	1,200	1,250.00
Do	Assistant inspector	Apr. 1, 1904	1,400	
Chas. B. Potter	do	Dec. 13, 1900	1,200	1,291.76
Do	Inspector	Dec. 16, 1903	1,400	
Alex. C. Walls	do	Aug. 1, 1900	1,200	1,250.00
Do	Assistant inspector	Apr. 1, 1904	1,400	
Clayton R. Behler	do	June 1, 1904	1,200	98.90
Willis G. Benner	do	Nov. 7, 1902	1,200	290.24
Jacob S. Berner	do	Nov. 27, 1903	1,200	704.24
Wm. J. Bracken	do	June 15, 1903	1,200	998.90
J. C. Burneson	do	Oct. 1, 1902	1,200	300.00 4.35
George E. Frye	do	July 1, 1903	1,200	107.15
Floyd A. Gibbs	do	Mar. 14, 1904	1,200	290.10
Timothy C. Hays	do	June 17, 1903	1,200	794.50
Hannes Hela	do	Jan. 22, 1903	1,200	1,200.00
J. J. L. Heldring	do	Dec. 7, 1903	1,200	624.10
E. P. Henderson	do	May 7, 1904	1,200	181.32
Fred E. Johnson	do	Apr. 27, 1904	1,200	214.29
Philip K. Jones	do	Apr. 28, 1904	1,200	210.99
D. S. Kanstoroom	do	Aug. 20, 1901	1,200	1,010.84

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
<i>Chicago, Ill.—Continued.</i>									
John W. Kaull	Assistant inspector	Apr. 1, 1904	Apr. 4, 1904	.....	\$1,200	.....	\$13.19	.....	.....
Alfred E. Luks	do	Jan. 22, 1903	.....	.....	1,200	.....	1,200.00	.....	.....
Jens Madsen	do	Aug. 22, 1901	.....	.....	1,200	.....	701.10	\$11.45	.....
Wm. J. Muldoun	do	Dec. 15, 1902	.....	.....	1,200	.....	932.19	19.75	.....
Amos F. Nelson	do	Oct. 24, 1902	.....	.....	1,200	.....	890.20	.....	.....
Louis A. Nutting	do	Aug. 22, 1901	.....	.....	1,200	.....	1,101.10	.....	.....
Geo. M. Ous	do	June 15, 1903	.....	.....	1,200	.....	1,200.00	.....	.....
Fredk. Priest	do	Dec. 5, 1902	Apr. 16, 1904	.....	1,200	.....	952.75	.....	.....
Chas. A. Raqué	do	Dec. 15, 1902	.....	.....	1,200	.....	1,200.00	.....	.....
John F. Roe	do	.....do	.....	.....	1,200	.....	202.20	.....	.....
W. Schumacher	do	May 1, 1903	.....	.....	1,200	.....	1,200.00	.....	.....
George A. Scott	do	Feb. 12, 1903	.....	.....	1,200	.....	997.80	.....	.....
John M. Simpson	do	May 23, 1901	.....	.....	1,200	.....	95.60	3.65	.....
Fred. Stehle	do	Sept. 1, 1903	.....	.....	1,200	.....	984.78	.....	.....
Wm. B. Trenbeth	do	Dec. 5, 1902	.....	.....	1,200	.....	900.00	.....	.....
Billie D. Way	do	Nov. 27, 1903	.....	.....	1,200	.....	714.14	.....	.....
Herman Wellner	do	June 1, 1904	.....	.....	1,200	.....	98.90	.....	.....
Wm. L. West	do	Aug. 5, 1901	.....	.....	1,200	.....	237.36	.....	.....
Horace G. Arnold	Clerk	June 1, 1902	.....	.....	1,200	.....	989.19	.....	.....
Do	do	Aug. 10, 1903	.....	.....	900	.....	887.54	.....	.....
Jno. N. Fitzgerald	do	Aug. 15, 1901	.....	.....	1,000	.....	.....	.....	.....
Do	do	Aug. 10, 1903	.....	.....	840	.....	.....	.....	.....
Do	do	Aug. 4, 1902	.....	.....	900	.....	.....	.....	.....
A. Hostetter	do	Aug. 10, 1903	.....	.....	1,000	.....	989.19	.....	.....
Do	do	Feb. 1, 1896	.....	.....	1,000	.....	84.20	.....	.....
E. B. Luce	do	Aug. 15, 1901	.....	.....	1,000	.....	1,000.00	.....	.....
J. J. O'Malley	do	Dec. 15, 1893	.....	.....	1,000	.....	1,000.00	.....	.....
Chas. S. Pew	do	Jan. 1, 1900	.....	.....	1,000	.....	237.20	.....	.....
Irving W. Pew	do	July 21, 1899	.....	.....	1,000	.....	1,000.00	.....	.....
Chas. W. Philpot	do	Dec. 1, 1900	.....	.....	1,000	.....	500.00	.....	.....
Leroy Scribner	do	Jan. 10, 1898	.....	.....	1,000	.....	1,000.00	.....	.....
S. H. Tourtellotte	do	Oct. 1, 1902	Apr. 17, 1904	.....	900	.....	717.03	.....	.....
Chas. O. McDonald	Stock examiner	July 1, 1903	.....	.....	900	.....	900.00	.....	.....
Do	Clerk	Oct. 1, 1897	.....	.....	900	.....	747.99	.....	.....
Jacob K. Skinner	do	Nov. 1, 1895	.....	.....	900	.....	900.00	.....	.....
Norman R. Adams	Stock examiner	June 1, 1904	.....	.....	1,000	.....	.....	.....	.....
Do	Field stock examiner	May 15, 1903	.....	.....	1,000	.....	.....	.....	.....
Do	do	Jan. 1, 1904	.....	.....	900	.....	160.80	39.00	.....
John C. Massie	Stock examiner	Jan. 1, 1904	.....	.....	1,000	.....	.....	.....	.....
Do	Field stock examiner	Feb. 1, 1904	.....	.....	1,000	.....	.....	.....	.....

W. S. Pidcock	Stock examiner	Aug. 1, 1895	900	749.20
Do.	Field stock examiner	May 1, 1904	1,000	
Wm. Proudfoot	do	June 15, 1903	1,000	
Do.	do	Nov. 1, 1903	900	238.20
Do.	Stock examiner	Dec. 1, 1902	900	
E. W. Barthold	Field stock examiner	Jan. 1, 1894	900	900.00
George Best	do	June 1, 1898	900	892.56
Clark C. Bone	do	Jan. 1, 1901	900	900.00
R. A. Broadhurst	do	Feb. 1, 1894	900	895.08
H. D. Burdick	do	Jan. 8, 1894	900	900.00
John W. Burton	do	June 1, 1903	900	900.00
Thos. G. Clark	do	Jan. 1, 1894	900	900.00
F. C. Cooley	do	Nov. 1, 1895	900	773.93
Jas. J. Duffley	do	Jan. 1, 1894	900	900.00
David S. Farley	do	Apr. 6, 1899	900	900.00
Arch'd L. Faunce	do	Mar. 16, 1901	900	900.00
Frank J. Fess	do	June 1, 1903	900	900.00
David Frisch	do	Jan. 1, 1894	900	900.00
Thos. R. Fugit	do	May 1, 1899	900	900.00
James Gardner	do	June 27, 1895	900	900.00
Henry Grady	do	do	900	652.94
Thos. F. Hanley	do	June 24, 1895	900	195.62
Geo. T. Hanton	do	June 27, 1895	900	621.21
Wm. Harpst	do	do	900	900.00
Jas. Herriman	do	Feb. 1, 1901	900	900.00
Wm. P. Hickey	do	Feb. 15, 1894	900	900.00
Wm. C. Honan	do	May 1, 1897	900	211.13
Dennis Hurley	do	Aug. 1, 1895	900	239.92
Jos. F. Jordan	do	Jan. 1, 1894	900	900.00
John F. Kelly	do	June 30, 1895	900	900.00
Julius Kiddier	do	Sept. 1, 1898	900	900.00
R. Koehanzowski	do	Jan. 1, 1894	900	900.00
Otho D. Kortz	do	June 27, 1895	900	900.00
Geo. Lunham	do	Jan. 1, 1894	900	863.25
Rich'd. E. Lyman	do	Apr. 23, 1894	900	900.00
Abram M. Mauny	do	July 27, 1897	900	824.16
J. J. Molloy	do	June 27, 1895	900	900.00
Jas. A. Murphy	do	Jan. 1, 1894	900	900.00
John Murphy	do	Feb. 15, 1894	900	900.00
Terence O'Brien	do	do	900	900.00
Thos. O'Shaughnessy	do	do	900	870.67
G. W. Pierce	do	do	900	890.23
John J. Ryan	do	Jan. 8, 1894	900	68.48
Jno. W. Sarsfield	do	Jan. 1, 1894	900	900.00
Casper J. Schmitt	do	do	900	900.00
Frank Schroeder	do	Feb. 1, 1903	900	900.00
F. L. Simpson	do	June 27, 1895	900	900.00
Sam'l. T. Smith	do	do	900	300.80
John P. Somers	do	Jan. 16, 1894	900	900.00
Thos. J. Wade	do	Jan. 1, 1899	900	450.00
F. D. Waterman	do	July 1, 1896	900	900.00
H. B. Weller	do	Jan. 15, 1896	900	900.00
	do	Feb. 1, 1896	900	897.57



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
<i>Chicago, Ill.—Continued.</i>								
H. D. Williams.....	Stock examiner.....	June 27, 1895	.....	.....	\$900	.....	\$900.00	.....
Geo. W. Wood.....	do.....	do.....	.....	.....	900	.....	900.00	.....
Theo. B. Zuendel.....	Tagger.....	Nov. 1, 1895	.....	.....	900	.....	900.00	.....
F. P. Herron.....	do.....	June 27, 1895	.....	.....	720	.....	382.73	.....
Do.....	Stock examiner.....	May 16, 1904	.....	.....	900	.....	892.68	.....
Geo. E. Jaqua.....	Tagger.....	May 4, 1899	.....	.....	720	.....	742.73	.....
Do.....	Stock examiner.....	July 16, 1903	.....	.....	900	.....	742.73	.....
Thos. H. Jones.....	Tagger.....	Oct. 1, 1901	.....	.....	720	.....	742.73	.....
Do.....	Stock examiner.....	May 16, 1904	.....	.....	900	.....	180.00	.....
A. J. McFarland.....	Tagger.....	Oct. 7, 1901	.....	.....	720	.....	628.97	.....
Do.....	Stock examiner.....	May 16, 1904	.....	.....	900	.....	740.83	.....
H. S. Newlove.....	Tagger.....	Jan. 1, 1897	.....	.....	720	.....	734.90	.....
Do.....	Stock examiner.....	Oct. 1, 1903	.....	.....	900	.....	23.48	.....
Chas. F. Rock.....	Tagger.....	July 25, 1901	.....	.....	720	.....	720.00	.....
Do.....	Stock examiner.....	June 1, 1904	.....	.....	900	.....	524.40	.....
Alvin R. Scott.....	Tagger.....	Aug. 1, 1901	.....	.....	720	.....	403.64	.....
Do.....	Stock examiner.....	May 16, 1904	.....	.....	900	.....	720.00	.....
Thomas A. White.....	Tagger.....	June 24, 1895	.....	.....	720	.....	720.00	.....
Do.....	Stock examiner.....	June 1, 1901	.....	.....	900	.....	720.00	.....
Gilbert R. Brewer.....	Tagger.....	May 16, 1904	.....	.....	720	.....	720.00	.....
Virgil L. Brown.....	do.....	Feb. 23, 1903	.....	.....	720	.....	720.00	.....
L. A. Cambridge.....	do.....	do.....	.....	.....	720	.....	720.00	.....
John E. Cashman.....	do.....	Oct. 1, 1901	Jan. 31, 1904	.....	720	.....	720.00	.....
Geo. T. Casper.....	do.....	Mar. 19, 1902	.....	.....	720	.....	720.00	.....
Wm. D. Clark.....	do.....	Oct. 14, 1897	.....	.....	720	.....	720.00	.....
Wm. Cleveland.....	do.....	Jan. 1, 1892	.....	.....	720	.....	720.00	.....
Gilbert T. Creesh.....	do.....	Jan. 23, 1903	.....	.....	720	.....	720.00	.....
Howard H. Daizell.....	do.....	May 10, 1904	.....	.....	720	.....	102.82	.....
Wm. E. Danaher.....	do.....	Nov. 10, 1899	.....	.....	720	.....	621.15	.....
Fred C. Dauncey.....	do.....	Oct. 5, 1903	.....	.....	720	.....	441.20	.....
Jas. A. Flanagan.....	do.....	May 23, 1895	.....	.....	720	.....	422.00	.....
M. R. Fletcher.....	do.....	Jan. 1, 1903	July 6, 1903	.....	720	.....	1.95	.....
James Foley.....	do.....	July 17, 1893	.....	.....	720	.....	720.00	.....
John H. Folts.....	do.....	May 4, 1904	.....	.....	720	.....	114.68	.....
Albert W. Ford.....	do.....	Nov. 10, 1899	.....	.....	720	.....	717.12	.....
Wm. Fox.....	do.....	Feb. 1, 1894	.....	.....	720	.....	720.00	.....
Walter C. Frick.....	do.....	July 5, 1902	.....	.....	720	.....	716.20	.....
John J. Garrity.....	do.....	Sept. 1, 1893	.....	.....	720	.....	720.00	.....
Edw. R. Graham.....	do.....	Nov. 7, 1902	.....	.....	720	.....	720.00	.....

Harry Halbisch	do	Aug. 10, 1903	720	641.84	.....
Thos. Hansen	do	May 16, 1893	720	720.00	.....
Edw. A. Harper	do	Mar. 5, 1899	720	720.00	.....
Frank A. Healy	do	Nov. 10, 1899	720	720.00	.....
H. V. Heatley, Jr.	do	Mar. 16, 1903	720	700.96	.....
Clay M. Herbert	do	May 7, 1904	720	108.75	.....
Artemus Irving	do	Nov. 25, 1902	720	298.70	\$6.50
Howard C. Johnson	do	June 17, 1901	720	298.70	7.10
Jacob Leisman	do	May 16, 1893	720	594.78	1.45
O. E. Lindburg	do	Sept. 1, 1902	720	596.90	.....
Fred Loman	do	Oct. 5, 1903	720	120.70	.....
Edw. G. Long	do	Feb. 9, 1903	720	719.08	.....
Dan. Lynch	do	Aug. 15, 1893	720	713.95	.....
John H. McClure	do	Apr. 28, 1902	720	720.00	.....
James McDonald	do	May 1, 1902	720	720.00	.....
Wm. McKay	do	June 27, 1895	720	720.00	.....
Chas. McKinstry	do	Sept. 14, 1903	720	120.70	.....
T. B. Mahoney	do	Aug. 26, 1901	720	599.30	.....
Michl. Metzger	do	Sept. 15, 1893	720	720.00	.....
George W. Neff	do	Mar. 16, 1903	720	540.00	.....
S. P. Peterson	do	Sept. 25, 1903	720	551.74	.....
Henry E. Pieper	do	Apr. 8, 1902	720	199.57	.....
J. C. Porterfield	do	May 16, 1894	720	480.68	.....
Cornelius Schaefer	do	May 5, 1904	720	77.15	.....
I. Shortridge	do	Dec. 2, 1895	720	720.00	.....
Harry A. Smith	do	Oct. 9, 1903	720	433.37	.....
Thos. M. Smith	do	Oct. 15, 1900	720	708.36	.....
Jas. E. Stansbury	do	Mar. 12, 1903	720	720.00	.....
J. E. Troughton	do	Dec. 1, 1892	720	662.58	.....
Albert J. Turner	do	Apr. 25, 1904	720	132.57	.....
Seymour J. Walkley	do	.....do	720	132.57	.....
Walter Walsh	do	May 16, 1893	720	720.00	.....
F. R. Washburn	do	Oct. 6, 1898	720	718.10	.....
C. E. Watson	do	Aug. 10, 1903	720	95.97	.....
E. E. Woodward	do	Mar. 16, 1903	720	135.88	.....
W. D. Mills	do	Sept. 18, 1900	720	765.00	.....
Laborer	do	Sept. 1, 1896	720	364.00	.....
Hiram Grable	do	.....	720	42.50	Transportation, W. J. Muldown
Oregon Short Line R. R. Co	do	.....	720	37.35	Transportation, J. C. Massie
Union Pacific R. R. Co	do	.....	720	21.80	Transportation, Proudfoot et al.
Chicago and Northwestern Rwy. Co.	do	.....	720	25.00	Transportation, Johnson et al.
The Atchison, Topeka and Santa Fe Rwy. Co.	do	.....	720	7.25	Transportation, G. W. Neff
The Chicago and Alton Rwy. Co.	do	.....	720	8.00	Transportation, Simpson
Cincinnati, Hamilton and Dayton Rwy. Co.	do	.....	720	7.25	Transportation, Burneson
The Wabash R. R. Co.	do	.....	720	6.16	Transportation, Milnes
Chicago, Rock Island and Pacific Rwy. Co.	do	.....	720	.....	Rent
Union Stock Yard and Transit Co.	do	.....	720	.....	Horse and buggy
H. W. Hawley	do	.....	720	.....	.....
				\$1,200.00	.....
				384.00	.....







Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
<i>Kansas City, Kans. and Mo.—Continued.</i>								
Edgar N. Stout	Assistant inspector	Sept. 15, 1902			\$1,200		\$1,193.50	
Z. Veldhuis	do	Sept. 1, 1903			1,200		293.47	
Fred W. Weston	do	Aug. 8, 1903			1,200		777.16	
Frank I. Winant	do	June 1, 1902			1,200		1,200.00	
Moses W. Games	Clerk	May 15, 1903			900		900.00	
Hiram G. Herrick	do	Nov. 15, 1900			900		880.42	
I. N. Vance	do	Feb. 1, 1896			900		900.00	
George D. Young	do	Nov. 15, 1900			900		900.00	
Alfred L. Bailey	Stock examiner	Apr. 1, 1903			900		675.00	
Do.	Field stock examiner	Apr. 1, 1904			1,000			
L. S. Campbell	Stock examiner	Feb. 1, 1901			900		675.00	
Do.	Field stock examiner	Apr. 1, 1904			1,000			
M. A. Farley	do	June 15, 1903			900		747.32	
R. E. L. Jackson	Stock examiner	Sept. 15, 1903			900			
Do.	do	Nov. 19, 1894			1,000		675.00	
Do.	Field stock examiner	Apr. 1, 1904			1,000			
C. E. Moss	do	June 15, 1903			1,000		136.99	
Do.	Stock examiner	Nov. 1, 1903	Feb. 29, 1904		900			
Henry Singleton	do	Nov. 1, 1901			900			
Do.	Field stock examiner	Feb. 1, 1904			1,000		450.00	\$6.10
Charles Adams	Stock examiner	May 1, 1896			900		900.00	
Do.	do	July 1, 1902			900		900.00	
Jos. G. Beattie	do	May 1, 1896			900		900.00	
E. W. Bell	do	May 1, 1896			900		900.00	
C. E. Blackmar	do	Feb. 1, 1898			900		900.00	
Edw. A. Bundy	do	May 1, 1901			900		900.00	
Wm. Burgess	do	Feb. 1, 1896			900		900.00	
Oliver W. Byrd	do	Aug. 1, 1898			900		900.00	
Geo. T. Cathel	do	Feb. 12, 1894			900		225.00	
T. B. Cracraft	do	May 1, 1903			900		900.00	
B. Cunningham	do	Aug. 15, 1902			900		900.00	
Josiah D. Flora	do	May 16, 1895			900		900.00	
Albert Fowkes	do	June 6, 1903			900		897.52	
Geo. A. Franklin	do	June 17, 1895			900		900.00	
H. D. Freeman	do	Oct. 1, 1895			900		900.00	
Wm. B. Garlick	do	June 1, 1902			900		900.00	
Washington Gobble	do	Feb. 15, 1894			900		900.00	
Frank Jelen	do	Apr. 1, 1895			900		900.00	
M. J. Madden	do	May 1, 1896			900		900.00	

T. A. Melcand	do	Oct. 1, 1900	900	895.03
Porter J. Morgan	do	May 7, 1894	900	900.00
Henry Morley	do	Oct. 1, 1900	900	900.00
Thomas B. Rea	do	Apr. 1, 1903	900	897.37
J. H. Richardson	do	May 3, 1894	900	900.00
Geo. H. Robinson	do	Apr. 15, 1903	900	748.40
Chas. W. Rowse	do	Nov. 11, 1895	900	900.00
Wm. H. Saunders	do	Feb. 1, 1901	900	900.00
J. W. Shannon	do	June 6, 1903	900	900.00
A. E. Wagner	do	May 1, 1894	900	586.12
G. H. Woolfolk	do	Mar. 2, 1896	900	598.40
Wm. Yerner	do	Feb. 1, 1901	900	750.10
Geo. W. Bromell	do	Nov. 5, 1901	900	636.39
Chas. C. Conley	Tagger	May 1, 1901	900	643.85
Do.	Stock examiner	Aug. 26, 1901	900	606.76
Do.	Tagger	May 1, 1904	900	720.00
Do.	Stock examiner	Nov. 5, 1901	900	540.00
Do.	Tagger	Apr. 16, 1904	900	421.30
Do.	Stock examiner	June 17, 1901	900	360.00
Do.	Tagger	Apr. 16, 1904	900	720.00
Do.	Stock examiner	Aug. 1, 1901	900	720.00
Anson W. Biggs	do	Oct. 24, 1901	900	720.00
Geo. E. Butin	do	Aug. 26, 1901	900	720.00
Harris B. Cook	do	Apr. 10, 1903	900	720.00
Chas. M. Cooper	do	Dec. 15, 1902	900	720.00
Chas. M. Corbett	do	June 15, 1903	900	720.00
John A. Grant	do	Mar. 2, 1903	900	720.00
Geo. A. Hanvey	do	Mar. 12, 1903	900	720.00
John E. Hart	do	Oct. 15, 1897	900	478.10
Jesse H. Hawkins	do	May 9, 1904	900	715.98
Jas. R. Haynes	do	Apr. 20, 1904	900	25.71
Joseph I. Healy	do	Sept. 10, 1902	900	234.71
Clyde B. Ingalls	do	May 7, 1904	900	104.79
Artemus Irving	do	Apr. 20, 1904	900	142.46
H. C. Johnson	do	Nov. 25, 1902	900	421.30
August Lost	do	June 17, 1901	900	362.56
H. H. Knox	do	Aug. 18, 1897	900	720.00
Albert R. Koch	do	Nov. 1, 1897	900	720.00
O. R. Leighton	do	Sept. 12, 1902	900	540.00
Jere C. Leyser	do	Nov. 1, 1901	900	478.70
Roy C. Livers	do	do	900	599.30
Geo. W. Meyers	do	Aug. 26, 1901	900	628.97
Thomas Noonan	do	Apr. 20, 1904	900	140.48
O. E. G. Olmsted	do	Aug. 26, 1901	900	704.29
F. C. O'Rourke	do	Feb. 10, 1904	900	120.70
Dani. S. Platt	do	Dec. 19, 1901	900	599.30
Ray O. Porter	do	Jan. 22, 1894	900	720.00
Joseph G. Reid	do	Feb. 29, 1904	900	476.64
Fred C. Sigrist	do	Sept. 5, 1902	900	628.97
Howard C. Smith	do	Nov. 1, 1902	900	353.18
Walter A. Smith	do	Mar. 20, 1903	900	142.46
Edw. S. Spindler	do	Apr. 20, 1904	900	120.70
	do	Aug. 21, 1903	900	9.00
	do	Nov. 4, 1902	900	628.97



## MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
<i>Kansas City, Kans. and Mo.—Continued.</i>									
Jas. R. Stafford	Tagger	Feb. 7, 1898			\$720		\$720.00		
Jas. M. Steel	do	Aug. 1, 1897			720		720.00		
Oliver P. Tres	do	Apr. 20, 1904			720		142.46		
Dick E. Warner	do	May 8, 1903			720		659.40		
Nelson E. Weaver	do	Jan. 3, 1898			720		720.00		
John H. Webster	do	Mar. 2, 1896			720		119.40		
Jennie Tunstall	Assistant microscopist	Sept. 1, 1893			600		600.00		
Robert Ivers	Laborer	Jan. 10, 1900		\$2.00			626.00		
Union Pacific R. R. Co.						Transportation, C. E. Moss		\$30.00	
Pennsylvania R. R. Co.						Transportation, S. E. Bennett		21.75	
New York, New Haven and Hartford R. R.						do		12.25	
The Baltimore and Ohio R. R. Co.						do		8.00	
Chicago and Alton Rwy. Co.						Transportation, A. R. Koen		7.25	
Southern Rwy. Co.						Transportation, G. H. Woolfolk.		15.50	
The Atchison, Topeka and Santa Fe Rwy. Co.						Transportation, H. Singleton.		6.15	
Chicago, Rock Island and Gulf Rwy.						Transportation, J. A. Stauffer.		14.50	
Chicago, Milwaukee and St. Paul Rwy. Co.						Transportation, C. M. Corbett.		8.55	
Kansas City Stock Yards Company, of Missouri.						Rent.			\$429.00
S. E. Bennett						Saddle horse			173.42
J. R. Stafford						Horse and wagon			120.00
F. F. Burnap						Desk, chairs, and stable			132.45
Printing Co.						Telephone rental.			97.50
Missouri and Kansas Telephone Co.						do			12.00
Armour Packing Co.						do			4.85
Cudahy Packing Co.						do			3.75
Swift Packing Co.						do			4.00
Fowler Packing Co.						do			44.35
Mendenhall Transfer Co.						Drayage and storage			35.60
Cudler & Neilson Paint and Color Co.						Paints and oil			
Silver Towel and Laundry Co.						Towel service			20.74

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Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
<i>South Omaha, Nebr.—Continued.</i>								
Anton Kostal.....	Tagger.....	May 16, 1893	.....	.....	\$720	.....	\$750.00	.....
Do.....	do.....	Apr. 1, 1904	.....	.....	840	.....	.....	.....
Thomas Leddy.....	do.....	Feb. 15, 1899	.....	.....	720	.....	750.00	.....
Do.....	do.....	Apr. 1, 1904	.....	.....	720	.....	.....	.....
Ethan Adams.....	do.....	Apr. 20, 1904	.....	.....	720	.....	142.46	.....
T. J. Alexander.....	do.....	Aug. 1, 1897	.....	.....	720	.....	60.60	.....
Jeré S. Allen.....	do.....	May 16, 1904	.....	.....	720	.....	90.95	.....
Rollie J. Archer.....	do.....	Sept. 8, 1903	.....	.....	720	.....	585.00	.....
Jas. W. Barrett.....	do.....	Sept. 9, 1903	.....	.....	720	.....	583.04	.....
John T. Blair.....	do.....	May 1, 1898	.....	.....	720	.....	420.10	.....
Jas. Condon.....	do.....	May 4, 1897	.....	.....	720	.....	710.11	.....
Jas. Condon.....	do.....	Aug. 1, 1897	.....	.....	720	.....	59.30	.....
Perry Craig.....	do.....	Apr. 18, 1904	.....	.....	720	.....	112.71	.....
Jno. V. De Laney.....	do.....	May 5, 1904	.....	.....	720	.....	720.00	.....
Reuben Forbes.....	do.....	Aug. 1, 1897	.....	.....	720	.....	720.00	.....
Arthur W. Gore.....	do.....	Sept. 9, 1903	.....	.....	720	.....	583.04	.....
O. W. Helvey.....	do.....	Dec. 1, 1898	.....	.....	720	.....	720.00	.....
Edgar Jackson.....	do.....	June 15, 1903	.....	.....	720	.....	241.90	.....
Thomas Keppel.....	do.....	May 16, 1904	.....	.....	720	.....	49.45	.....
S. W. Le Neve.....	do.....	May 9, 1904	.....	.....	720	.....	100.87	.....
O. E. Lindburg.....	do.....	Sept. 1, 1902	.....	.....	720	.....	121.20	.....
John McCann.....	do.....	June 27, 1895	.....	.....	720	.....	716.08	.....
P. S. McLaughlin.....	do.....	Sept. 9, 1903	.....	.....	720	.....	583.04	.....
C. A. Milner.....	do.....	.....do.....	.....	.....	720	.....	403.04	.....
Chas. E. Moore.....	do.....	May 9, 1903	.....	.....	720	.....	718.10	.....
Jean I. Nelson.....	do.....	Sept. 26, 1902	.....	.....	720	.....	60.60	.....
F. C. Overton.....	do.....	Sept. 23, 1903	.....	.....	720	.....	535.63	.....
John B. Payton.....	do.....	July 16, 1897	.....	.....	720	.....	717.94	.....
Wm. T. Pritchard.....	do.....	July 22, 1903	.....	.....	720	.....	661.31	.....
Jas. T. Robertson.....	do.....	Nov. 1, 1897	.....	.....	720	.....	720.00	.....
L. Schilsby.....	do.....	Nov. 6, 1893	.....	.....	720	.....	720.00	.....
Geo. H. Schroeder.....	do.....	Aug. 1, 1898	.....	.....	720	.....	720.00	.....
Harry A. Shatzell.....	do.....	Aug. 1, 1897	.....	.....	720	.....	720.00	.....
U. G. Sutton.....	do.....	June 12, 1903	.....	.....	720	.....	47.47	.....
Henry C. Ulmer.....	do.....	Sept. 9, 1903	.....	.....	720	.....	583.04	.....
S. I. Valentine.....	do.....	Oct. 16, 1894	.....	.....	720	.....	599.30	.....
Claude E. Verry.....	do.....	Aug. 18, 1902	.....	.....	720	.....	576.13	.....
James Anstlin.....	do.....	July 1, 1901	.....	.....	720	.....	720.00	.....
John Dufceck.....	Laborer.....	Aug. 31, 1903	.....	.....	.....	.....	16.00	.....
J. O. Eastman.....	do.....	Sept. 16, 1903	.....	.....	.....	.....	620.00	.....
		July 1, 1897	.....	.....	.....	.....	62.00	.....



[illegible]

*b* Per day.

a Per month.

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
<i>National Stock Yards, Ill.—Continued.</i>								
Arthur H. Bibb.....	Stock examiner.....	May 1, 1896.....	.....	.....	\$900	.....	\$900.00	.....
A. R. Britton.....	do.....	Feb. 15, 1895.....	.....	.....	900	.....	900.00	.....
Wm. T. Flynn.....	do.....	Jan. 1, 1894.....	.....	.....	900	.....	900.00	.....
Edw. C. Lauck.....	do.....	Sept. 1, 1902.....	.....	.....	900	.....	900.00	.....
Matt. O'Keefe.....	do.....	Aug. 1, 1902.....	.....	.....	900	.....	900.00	.....
Frank O'Neill.....	do.....	July 18, 1898.....	.....	.....	900	.....	900.00	.....
Geo. Sutherland.....	do.....	Nov. 12, 1894.....	.....	.....	900	.....	900.00	.....
Henry M. Edsall.....	do.....	Feb. 13, 1901.....	.....	.....	720	.....	527.72	\$11.95
Do.....	Tagger.....	Mar. 31, 1904.....	.....	.....	900	.....	.....	.....
Chas. K. Hartwell.....	Stock examiner.....	Feb. 1, 1904.....	.....	.....	720	.....	755.62	.....
Do.....	Tagger.....	Mar. 15, 1902.....	.....	.....	840	.....	.....	.....
Wm. S. Alexander.....	Clerk.....	Mar. 16, 1903.....	.....	.....	720	.....	105.60	.....
Clement Bevelot.....	do.....	Dec. 1, 1893.....	.....	.....	720	.....	684.66	.....
Gilbert R. Brewer.....	do.....	Aug. 10, 1903.....	.....	.....	720	.....	90.95	.....
Henry Burke.....	do.....	July 6, 1903.....	.....	.....	720	.....	380.27	.....
John A. Bushong.....	do.....	Mar. 9, 1904.....	.....	.....	720	.....	135.50	.....
Joseph G. Carr.....	do.....	Feb. 15, 1895.....	.....	.....	720	.....	714.08	.....
Frank G. Carriker.....	do.....	May 10, 1904.....	.....	.....	720	.....	100.84	.....
Robt. H. Carter.....	do.....	Mar. 12, 1903.....	.....	.....	720	.....	555.82	.....
Ollie C. Cole.....	do.....	June 22, 1904.....	Apr. 8, 1904.....	.....	720	.....	17.80	.....
Wm. J. Coyle.....	do.....	Feb. 15, 1895.....	.....	.....	720	.....	357.50	.....
Geo. K. Grant.....	do.....	Aug. 20, 1903.....	.....	.....	720	.....	408.67	.....
Robert Gray.....	do.....	June 24, 1895.....	Mar. 31, 1904.....	.....	720	.....	720.00	.....
Morton Hattery.....	do.....	Mar. 2, 1903.....	.....	.....	720	.....	59.30	.....
Paul C. Henry.....	do.....	Mar. 14, 1904.....	.....	.....	720	.....	215.60	.....
F. H. Hoswell.....	do.....	Sept. 1, 1903.....	Mar. 12, 1904.....	.....	720	.....	309.37	.....
James C. Keys.....	do.....	Mar. 1, 1904.....	.....	.....	720	.....	211.60	.....
Albert R. Koen.....	do.....	Sept. 12, 1902.....	.....	.....	720	.....	58.80	.....
John S. Koen.....	do.....	Apr. 21, 1904.....	.....	.....	720	.....	140.48	.....
Fred Loman.....	do.....	Oct. 5, 1903.....	.....	.....	720	.....	411.53	.....
R. T. McNaghten.....	do.....	Dec. 4, 1902.....	.....	.....	720	.....	419.40	.....
John E. Mackley.....	do.....	July 12, 1903.....	Mar. 8, 1904.....	.....	720	.....	111.47	.....
Jos. H. Murray.....	do.....	Sept. 12, 1902.....	June 29, 1904.....	.....	720	.....	280.40	.....
Geo. W. Neff.....	do.....	Mar. 16, 1903.....	.....	.....	720	.....	180.00	.....
Huitt H. Nutter.....	do.....	July 6, 1903.....	.....	.....	720	.....	50.87	.....
John W. Price.....	do.....	June 24, 1903.....	.....	.....	720	.....	213.66	.....
H. R. Schlytter.....	do.....	Mar. 22, 1904.....	June 30, 1904.....	.....	720	.....	19.78	.....
Wm. H. Skinner.....	do.....	Dec. 2, 1901.....	.....	.....	720	.....	448.99	.....
Alva Snyder.....	do.....	Oct. 5, 1903.....	.....	.....	720	.....	352.23	.....

E. L. Sturdevant	do	Feb. 2, 1903	Feb. 2, 1904	720	33.26	.....
Joseph Sullivan	do	Feb. 15, 1895	.....	720	720.00	.....
C. Elmer Watson	do	Aug. 10, 1903	.....	720	239.40	.....
Timothy P. White	do	July 25, 1901	.....	720	121.20	.....
Isaac H. Wright	do	Apr. 15, 1904	.....	720	93.05	.....
Southern Ry. Co.	.....	.....	.....	.....	15.95	.....
Chicago and Alton Rwy. Co.	.....	.....	.....	.....	7.25	.....
St. Louis National Stock Yards	.....	.....	.....	.....	.....	\$401.20
H. J. Gilmore	.....	.....	.....	.....	.....	7.20
Norvell-Shapleigh Hardware Co.	.....	.....	.....	.....	.....	6.00
<i>Cincinnati, Ohio.</i>						
Lewis R. Baker	Inspector	Feb. 1, 1900	.....	1,600	534.80	.....
Do	do	Dec. 1, 1903	.....	1,800	.....	32.74
Geo. Ditewig	do	Apr. 1, 1903	.....	1,500	998.60	112.80
Joseph M. Good	do	Apr. 1, 1902	.....	1,400	580.80	12.32
Arthur C. Hart	do	June 1, 1903	.....	1,400	809.12	7.40
W. T. Sparhawk	do	Mar. 1, 1903	.....	1,400	351.30	2.00
Edw. K. Ward	do	July 1, 1903	.....	1,400	1,400.00	4.20
A. L. Hirleman	Assistant Inspector	.....do	.....	1,200	1,200.00	.....
Patk. E. Quinn	do	May 23, 1901	.....	1,200	130.45	.....
Jno. M. Simpson	do	June 9, 1904	.....	1,200	1,088.08	.....
Chas. A. Stewart	do	Aug. 8, 1903	.....	1,200	69.23	.....
C. O. Wagoner	do	July 1, 1903	.....	1,200	774.96	.....
Edw. C. Carle	Stock examiner	June 24, 1901	.....	900	900.00	.....
W. H. Timmons	do	Dec. 2, 1901	.....	840	895.12	.....
Harvey L. Shale	Clerk	Feb. 1, 1904	.....	900	864.90	.....
Do	Stock examiner	Apr. 1, 1901	.....	720	729.90	.....
Wm. M. Burson	Tagger	June 1, 1904	.....	840	.....	.....
John Hoberg	do	June 1, 1901	.....	720	794.70	.....
Do	Tagger	Feb. 1, 1904	.....	900	.....	.....
M. J. Ragland	Tagger	Nov. 15, 1901	.....	720	791.70	.....
Do	do	Feb. 1, 1904	.....	900	.....	.....
Solomon C. Shale	Stock examiner	July 25, 1901	.....	720	428.72	.....
Do	do	Feb. 1, 1904	.....	900	720.00	.....
Jas. S. Oldham	Tagger	Apr. 10, 1901	.....	720	240.60	.....
John Summers	do	May 16, 1893	.....	720	.....	.....
Southern Ry. Co.	.....	.....	.....	.....	8.36	.....
Chicago, Indianapolis and Louisville Rwy. Co.	do	.....	.....	.....	8.00	.....
The Baltimore and Ohio R. R. Co.	.....	.....	.....	.....	.....	.....
Louisville and Nashville R. R.	.....	.....	.....	.....	3.50	.....
The Cincinnati Union Stock Yard Co.	.....	.....	.....	.....	3.50	180.00
<i>Indianapolis, Ind.</i>						
Niels C. Sorensen	Inspector	Jan. 16, 1901	.....	1,600	1,600.00	51.03
T. L. Armstrong	do	Apr. 15, 1903	.....	1,500	971.25	.....
Orrin W. Snyder	do	.....do	.....	1,500	1,500.00	.....
Chas. H. Canfield	do	Apr. 1, 1901	.....	1,400	.....	.....
Do	do	Nov. 1, 1903	.....	1,500	1,466.50	.....



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous.	Salaries.			
Indianapolis, Ind.—Continued.										
Richd. W. Tuck	Inspector	May 1, 1901			\$1,400		\$1,458.50			
Do.	do	Dec. 1, 1903			1,500		1,400.00			
J. B. Hollenbeck	do	June 15, 1903			1,400		1,68.48			
James C. Keely	do	Feb. 1, 1903	July 24, 1903		1,400		1,400.00			
C. F. Palmer	do	Nov. 1, 1902			1,400		1,396.23			
Robt. Turnbull	do	Mar. 1, 1903			1,400		1,400.00			
Harry K. Waller	do	Feb. 1, 1903			1,400		1,400.00			
Patk. E. Quinn	Assistant inspector	July 1, 1903			1,200		1,069.54			
Dani. R. Alton	Stock examiner	Jan. 1, 1901			900		76.60	\$3.25		
Jacob Fox	do	Jan. 1, 1894			900		900.00			
Geo. W. Kooniz	do	Feb. 19, 1894			900		880.45			
S. S. Sowers	do	July 1, 1902			900		900.00			
Ias. W. Wampler	do	Jan. 1, 1894			900		900.00			
John H. Carroll	Clerk	Jan. 16, 1901			900		900.00			
Martin P. Grady	do	Jan. 1, 1902			900		900.00			
Geo. S. Jones	do	Mar. 10, 1898			840		835.40			
Wm. S. Alexander	Tugger	Mar. 16, 1903			720		614.45			
Ralph E. Compton	do	Dec. 2, 1901			720		423.28			
Lewis S. Dreyer	do	July 22, 1901			720		684.44			
Will A. Frantz	do	July 25, 1901			720		720.00			
Arthur J. Lee	do	Feb. 2, 1903			720		720.00			
John E. Lynch	do	do			720		298.70			
Matt. Quinn	do	Apr. 16, 1893			720		719.70			
Do.	do	Mar. 1, 1904			900					
Mary Morrison	Stock examiner	Dec. 1, 1897			a \$30.00		297.10			
Henry F. Hubbard	Laborer	Aug. 9, 1901			b 2.00		620.00			
Red River, Texas and Southern Rwy. Co.	do					Transportation, T. L. Armstrong.		26.80		
The Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						Transportation, D. R. Alton.		3.50		
Belt R. R. and Stock Yard Co.						Rent				\$120.00
New Telephone Co.						Telephone rental				80.00
Armstrong Laundry.						Towel service				6.53
Louisville, Ky.										
H. H. George	Inspector	Aug. 1, 1902			1,500		1,550.00	2.61		139.49
Do.	do	Jan. 1, 1904			1,600					

H. Caldwell	do	Apr. 1, 1902	1,400	4.95	336.20	1,400
Do	do	June 16, 1904	1,500			1,500
Herbert M. Smith	do	June 1, 1902	1,400		467.90	1,400
W. T. Starhawk	do	Mar. 1, 1903	1,400		234.07	1,400
Wm. J. Butler	Assistant inspector	Feb. 20, 1901	1,200		26.37	1,200
Bert J. Gady	do	June 23, 1901	1,200		600.00	1,200
Geo. W. Knorr	do	Nov. 17, 1902	1,200	8.40	210.59	1,200
Adam T. Knowles	do	Apr. 28, 1904	1,200		258.73	1,200
C. O. Wagoner	do	Aug. 8, 1903	900	2.05	823.40	900
D. R. Alton	Stock examiner	Jan. 1, 1901	900		583.47	900
Walter M. Foster	do	Apr. 1, 1903	900		450.00	900
Hogan Gaines	do	Feb. 1, 1901	900	7.45	301.60	900
Joseph M. Turner	do	Mar. 10, 1896	840		225.00	840
Geo. H. Woolfolk	Clerk	Mar. 2, 1896	840		870.00	840
Albert E. Harris	do	Mar. 4, 1901	900			900
Do	do	Jan. 1, 1904	720		794.70	720
Jas. L. King	Tagger	Jan. 28, 1901	900			900
Do	Stock examiner	Feb. 1, 1904	720	6.45	358.06	720
John W. Brown	do	Oct. 9, 1903	720	1.70	59.30	720
John A. Bushong	do	Mar. 9, 1904	720		720.00	720
Leon Durham	do	May 7, 1902	720		449.95	720
Wm. B. Ellison	do	Oct. 5, 1903	720		48.00	720
Geo. W. Humbert	Laborer		2.00	9.15		
Isaac N. Krowl	do			21.05		
St. Louis and San Francisco R. R. Co.						
Chicago, Milwaukee and St. Paul Rwy. Co.						
Louisville and Nashville R. R.						
Southern Rwy. Co.						
The Missouri Pacific Rwy. Co.						
Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.						
Bourbon Stock Yard Co.					120.00	
<i>Eau Claire, Wis.</i>						
George W. Butler	Inspector	Nov. 16, 1901	1,400			1,400
Do	do	June 1, 1904	1,500		1,408.20	1,500
Do	do					
<i>New York, N. Y.</i>						
Harry N. Waller	Inspector	Nov. 15, 1900	1,800		1,648.40	1,800
Louis Abel	do	Apr. 1, 1903	1,500		1,500.00	1,500
A. F. Martins	do	Apr. 1, 1901	1,400		1,348.60	1,400
Do	do	Nov. 1, 1903	1,500	11.85		1,500
J. Wm. Fink	do	July 1, 1903	1,400	11.65	620.62	1,400
John B. Hopper	do	Mar. 1, 1902	1,400		1,400.00	1,400
Wm. R. Hynes	do	June 1, 1903	1,400		1,400.00	1,400

6 Per day.

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
New York, N. Y.—Continued.									
Russell G. Lawton	Inspector	Mar. 1, 1903			\$1,400		\$932.10		
Monroe B. Miller	do	Mar. 1, 1902			1,400		1,349.98		
Jos. J. Thackaberry	do	May 1, 1902			1,400		1,400.00		
Jno. D. De Ronde	Assistant inspector	Oct. 1, 1900			1,200		1,200.00		
Wm. Eckl	do	July 22, 1901			1,200		1,200.00		
Frank J. Glynn	do	Sept. 15, 1903			1,200		165.31		
Moses Isaac	do	Apr. 22, 1903			1,200		1,098.90		
Frank D. Owen	do	Apr. 13, 1903			1,200		794.57		
Major Schofield	do	Dec. 16, 1901			1,200		1,200.00		
Walter H. Yingst	do	July 12, 1902			1,200		402.20		
John M. Young	do	Apr. 20, 1903			1,200		163.06		
Stephen A. Selby	Temporary assistant inspector	Apr. 15, 1903			1,200				
Do.	Stock examiner	Nov. 1, 1903			900		1,150.30		
Do.	Assistant inspector	Jan. 1, 1904			1,200				
Emil Balzer	Microscopist	June 17, 1901			1,400		1,400.00		
Eph. Dietrich	Clerk	July 1, 1900			1,200		1,200.00		
John L. Burgess	Stock examiner	Feb. 15, 1903			900		900.00		
J. F. Butterfass	do	Oct. 1, 1901			900		900.00		
John J. Haggerty	do	do			900		900.00		
Hiram Jerome	do	Oct. 12, 1897			900		900.00		
John C. Oren	do	June 1, 1903			900		682.42		
Ernest E. Rue	do	Oct. 1, 1901			900		900.00		
Linus E. Sargent	do	Feb. 15, 1903			900		882.90		
Henry Schauer	do	Dec. 9, 1895			900		895.09		
Wm. A. Baldwin	Tagger	May 27, 1901			720		421.30		
Do.	Stock examiner	Feb. 1, 1904			900				
Edw. P. Hogan	Tagger	Feb. 12, 1901			720				
Do.	Stock examiner	Jan. 1, 1904			900		810.00		
Jas. E. Lovejoy	Tagger	Mar. 1, 1900			720				
Do.	Stock examiner	July 16, 1903			900		743.49		
John F. Luepke	Tagger	May 23, 1895			720		892.68		
Do.	Stock examiner	July 16, 1903			900				
Thos. D. Anderson	Tagger	Sept. 25, 1903	Oct. 21, 1903		720		41.08		
Frank J. Gilmore	do	Feb. 1, 1896			720		706.11		
Fred J. Goebel	do	Sept. 7, 1891			720		720.00		
Michl. F. Henry	do	June 20, 1901			720		592.98		
Albert T. Maxon	Tagger	Feb. 12, 1901			720		276.90		





Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

## MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
<i>St. Louis, Mo.—Continued.</i>								
Frank J. Glynn	Assistant inspector	Apr. 22, 1903			\$1,200		\$342.85	
Geo. G. Grundy	do	Jan. 24, 1902			1,200		1,200.00	
J. J. Hougendobler	do	Jan. 11, 1902			1,200		1,200.00	
Jas. Mahon	do	Oct. 1, 1902			1,200		1,200.00	
John P. O'Connor	do	Dec. 18, 1903			1,200		201.10	
Shas L. Shaw	do	May 23, 1901			1,200		600.00	
H. J. Timmermann	do	July 5, 1902			1,200			
J. O. W. Alexander	Clerk	Apr. 1, 1899			810		864.90	
do	do	Feb. 1, 1904			900		900.00	
Geo. H. Boughtner	Live stock agent	Dec. 1, 1895			900		900.00	
Harry C. Jacobs	Stock examiner	June 6, 1903			900		900.00	
Geo. Markert	do	July 18, 1896			900		791.70	
James Ford	Tagger	Sept. 28, 1896			720			
do	Stock examiner	Feb. 1, 1904			900			
Wm. R. McGuire	Tagger	Aug. 26, 1901			720		791.70	
do	Stock examiner	Feb. 1, 1904			900			
A. A. Mahoney	Tagger	Feb. 15, 1901			720		791.70	
do	Stock examiner	Feb. 1, 1904			900			
David W. Breid	Tagger	Aug. 18, 1902			720		720.00	
Earl C. Cannon	do	Aug. 26, 1901			720		298.70	\$1.50
L. G. Hagemann	do	June 24, 1903			720		720.00	
Roy T. McLaughlin	do	Dec. 4, 1902			720		298.70	
Eluid H. Nutter	do	July 6, 1903			720		158.28	
The Wabash R. R. Co.	do					Transportation E. C. Cannon	7.50	
J. J. Broughton	Independent stock yard Co.					Horse and buggy		\$180.00
Georgia-Stimson Furniture and Carpet Co.	do					Rent		137.50
John L. Bolland Book and Stationery Co.	do					Laboratory, chairs, and shades		49.00
Missouri Tent and Awning Co.	do					Letterpress		8.00
Port Worth, Tex.						Storing awnings		6.00
T. L. Armstrong	Inspector	Apr. 15, 1903			1,500		491.78	12.85
Harry D. Paxson	do	May 1, 1903			1,500		1,500.00	
Stephen L. Bloml	Assistant inspector	do			1,500		399.46	
Walter C. Bower	do	Feb. 17, 1903			1,200		791.53	

Clyde C. Heacock	do	Dec. 16, 1903	1,200	1,200	652.17	
Elisia Myer	do	Dec. 4, 1902	1,200	1,200	1,200.00	
Irwin Owens	do	May 15, 1903	1,200	1,200	1,115.23	
Adolph Ruth	do	July 6, 1903	1,200	1,200	1,167.40	
J. A. Stauffer	do	Nov. 7, 1902	1,200	1,200	198.90	
Wm. D. Wright	do	Jan. 1, 1904	1,200	1,200	600.00	
Edw. M. Smith	Clerk	June 1, 1903	900	900	900.00	
Jas. L. Gerrish	Stock examiner	Aug. 1, 1900	900	900	513.88	
Wm. A. Skinner	do	Dec. 16, 1902	900	900	381.62	
Albert S. Brown	Tagger	Dec. 21, 1903	720	720	589.08	
Buren Graham	do	Aug. 1, 1901	720	720	720.00	
Seymour R. Hoyt	do	July 15, 1902	720	720	144.08	
Robt. L. Marshall	do	Nov. 1, 1902	720	720	9.78	
Wm. R. Mollere	do	Feb. 12, 1902	720	720	422.56	
Leo W. Morrissey	do	Nov. 10, 1903	720	720	720.00	
Frank E. Pollit	do	July 15, 1902	720	720	524.40	
John Potts	do	Oct. 9, 1903	720	720	60.60	
Jonathan H. Rea	do	June 24, 1903	720	720	287.66	
John V. Rencau	do	June 22, 1903	720	720	720.00	
Chas. Schuman	do	July 10, 1902	720	720	499.62	
Walter A. Smith	do	Aug. 21, 1903	720	720	678.97	
John W. Snell	do	July 22, 1903	720	720	15.30	
Terre Haute and Indianapolis R. R. Co.					Transportation, Armstrong	
Charles Keane	Inspector	Apr. 1, 1903	1,500	1,500	1,500.00	9.30
Albert E. Bishel	do	June 22, 1903	1,400	1,400	1,400.00	
John F. Nelson	Stock examiner	Feb. 15, 1896	900	900	900.00	
M. J. F. Solte	do	Oct. 1, 1901	900	900	900.00	
A. J. O'Rourke	do	Nov. 10, 1896	900	900	900.00	
Edw. E. Stephens	do	Oct. 1, 1901	900	900	900.00	
Chas. Keane					Horse and buggy	300.00
Sunset Telegraph and Telephone Co.					Telephone rental	42.00
Lewis R. Baker	Inspector	Feb. 1, 1900	1,600	1,600	1,182.00	7.50
Do	do	Dec. 1, 1903	1,800	1,800	134.80	
John Forbes	do	Sept. 1, 1898	1,600	1,600	1,338.78	
J. E. Blackwell	do	Aug. 1, 1893	1,400	1,400		
Do	do	Nov. 1, 1903	1,500	1,500		
Do	do	May 1, 1901	1,400	1,400	1,454.39	
Do	do	Dec. 16, 1903	1,500	1,500		
Raymond Johnson	do	Aug. 1, 1902	1,400	1,400	1,406.00	
F. C. McCurdy	do	July 1, 1902	1,400	1,400	1,406.00	
B. W. Murphy, Jr.	do	Jan. 1, 1903	1,400	1,400	1,400.00	
Wm. E. Day	Assistant inspector	Mar. 25, 1901	1,200	1,200		
Do	Inspector	Apr. 1, 1904	1,400	1,400	1,250.00	
Inspector	Assistant inspector	May 15, 1902	1,200	1,200		
C. M. McFarland	Inspector	Sept. 16, 1903	1,400	1,400	1,358.18	

## Los Angeles, Cal.

## South St. Joseph, Mo.



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
South St. Joseph, Mo.—Cont'd.								
Chas. J. Morrow	Assistant inspector	Aug. 23, 1900			\$1,200		\$1,366.40	
Do	Inspector	Sept. 1, 1903			1,400			
Frishie T. Suit	Assistant inspector	May 23, 1901			1,200		1,216.50	
Do	Inspector	June 1, 1904			1,400			
Oscar A. Diller	Assistant inspector	May 21, 1904			1,200		135.16	
Richard F. Eagle	do	June 10, 1901			1,200		202.20	
C. L. Elliott	do	Jan. 27, 1903			1,200		1,200.00	
Oru W. Everly	do	Jan. 13, 1902			1,200		1,183.71	
A. J. Farley	do	May 23, 1904			1,200		112.09	
Logan B. Huff	do	Apr. 9, 1904			1,200		273.63	
Geo. Jerome	do	Nov. 24, 1902			1,200		202.20	
R. L. McClelland	do	Aug. 5, 1901			1,200		1,200.00	
E. M. Nighbert	do	June 23, 1902			1,200		202.20	
Geo. D. Painter	do	June 18, 1901			1,200		900.00	
Abram N. Reber	do	July 6, 1903			1,200		997.80	
X. I. Richmond	do	May 1, 1902			1,200		900.00	
Walter E. Weihe	do	Aug. 9, 1902			1,200		1,200.00	
Do	do	July 1, 1902			1,000		526.60	
Wallace L. Upson	Stock examiner	Feb. 18, 1904			900		900.00	
Frank A. Ewing	Field stock examiner	May 1, 1894			900		900.00	
Robt. G. Knipple	Stock examiner	Jan. 1, 1903			900		897.57	
Wm. E. Mowrer	do	June 25, 1902			900		150.80	\$3.75
Solomon C. Shale	do	Feb. 1, 1904			900		900.00	
P. P. Druekemiller	Clerk	Mar. 1, 1903			900			
Harry E. Armstrong	Tagger	Dec. 23, 1901			720			
Do	Stock examiner	Feb. 15, 1904			900		486.08	
Do	Field stock examiner	Mar. 1, 1904			1,000			
Henry M. Lint	Tagger	Nov. 18, 1901			720		780.30	
Do	Stock examiner	Mar. 1, 1904			900			
John Summers	Tagger	May 16, 1893			720		509.40	6.55
Do	do	Apr. 1, 1904			840			
Otto Angspurger	do	Apr. 20, 1904			720		142.46	
Irwin E. Barr	do	May 16, 1904			720		90.95	
Frank L. Boone	do	June 10, 1903			720		674.46	10.30
Geo. S. Brown	do	Aug. 10, 1903			720		641.81	
John W. Brown	do	Oct. 9, 1903			720		164.40	
Wm. E. Burrows	do	Mar. 23, 1903			720		628.97	
D. M. Campbell	do	Apr. 24, 1903			720		209.67	
Clyde C. Clark	do	Nov. 14, 1902			720		718.10	

Dallas W. Couner.....	do	May 17, 1901		720	85.01	
John W. Epling.....	do	Sept. 25, 1903		720	551.74	
Benj. F. Gooch.....	do	Aug. 10, 1903		720	548.91	
Oscar Harvey.....	do	Apr. 20, 1901		720	7.91	
Jas. M. Lawson.....	do	Dec. 26, 1901	Apr. 23, 1904	720	347.18	
O. L. Leighton.....	do	Nov. 1, 1901		720	241.30	
John A. McKibbin.....	do	May 20, 1904		720	83.04	
R. M. Mathana.....	do	June 1, 1893		720	714.18	
Geo. O. Marshall.....	do	Aug. 15, 1902		720	702.20	
Geo. E. Maxwell.....	do	Mar. 10, 1903		720	720.00	
Chas. W. Meyer.....	do	June 19, 1902		720	720.00	
Thos. C. Miller.....	do	Sept. 1, 1903		720	598.80	
Roddy K. Moon.....	do	Apr. 15, 1904		720	152.55	
Ben E. Newman.....	do	Aug. 1, 1901		720	720.00	
O. E. G. Olmsted.....	do	Feb. 10, 1904		720	29.35	
Ernest R. O'Neill.....	do	Apr. 1, 1903		720	599.30	
John L. Osborn.....	do	Feb. 7, 1903		720	479.90	
Theodore Pickett.....	do	May 16, 1904		720	424.03	
Jonathan H. Rea.....	do	June 24, 1903	Mar. 3, 1904	720	599.30	
Chas. H. Robinson.....	do	Oct. 1, 1902		720	720.00	
Jas. F. Shelton.....	do	May 1, 1903		720	362.50	
Fred C. Sierist.....	do	Mar. 20, 1903		720	121.20	2.00
C. G. Sutton.....	do	June 12, 1903		720	121.20	
Sam'l B. Wallace.....	do	Apr. 20, 1904		720	160.60	
Dick E. Warner.....	do	May 5, 1903		720	122.68	
R. W. Wetzel.....	do	Apr. 20, 1904		720	524.40	
Jas. A. Zimmerman.....	do	Oct. 9, 1903		720		20.45
Cincinnati, New Orleans and Texas Pacific Rwy. Co. The Baltimore and Ohio R. R. Co.						33.00
Chicago Great Western Rwy. Co. Chicago, Burlington and Quincy Rwy. Co.						6.50 1.90
J. E. Buckwell.....						\$90.00
St. Joseph Stock Yards Co.....						540.00
Mo. and Kans. Telephone Co.....						50.00
Rock & Co.....						19.00
Combe Printing Co.....						12.65
South St. Joseph Coal Co.....						7.20
Underwood Typewriter Co.....						1.50
Stoner City, Iowa.						
Wm. Thompson.....	Inspector	Jan. 16, 1901	Sept. 30, 1903	1,600	400.00	3.05
Geo. A. Johnson.....	do	Oct. 1, 1902		1,500		
Do.....	do	June 1, 1904		1,600	1,035.43	9.93
J. G. Fish.....	do	Jan. 16, 1895		1,400		
Do.....	do	Oct. 1, 1903		1,500	357.35	5.50
Henry Roome.....	do	Sept. 16, 1902		1,400		
Alfred B. Hollis.....	Assistant Inspector	July 1, 1903		1,200	1,400.00	2.25
Harry B. Treman.....	do	Aug. 5, 1901		1,200	402.20	2.00
					909.80	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
Sioux City, Iowa—Continued.									
Geo. W. Clark.....	Clerk.....	Mar. 1, 1898	.....	.....	\$900	.....	\$900.00	.....	
Chas. J. Chamberlin.....	Stock examiner.....	Jan. 1, 1899	.....	.....	900	.....	900.00	.....	
Myron H. Kling.....	do.....	Jun. 1, 1903	.....	.....	900	.....	900.00	.....	
Donald McDonald.....	do.....	Feb. 1, 1896	.....	.....	900	.....	897.43	.....	
Sam'l. W. Smith.....	do.....	May 1, 1896	Oct. 10, 1903	.....	900	.....	31.79	.....	
D. A. Winnie.....	do.....	Jan. 1, 1899	.....	.....	900	.....	900.00	.....	
Chas. M. Corbett.....	Tugger.....	June 15, 1903	.....	.....	720	.....	599.30	.....	
W. M. Gordon.....	do.....	July 1, 1901	.....	.....	720	.....	198.02	.....	
John W. Leary.....	do.....	Feb. 2, 1903	.....	.....	720	.....	720.00	.....	
John W. Wilhelm.....	do.....	Apr. 15, 1904	.....	.....	720	.....	152.35	.....	
New York Central and Hudson River R. R. Co.	.....	.....	.....	.....	.....	Transportation, Johnson	.....	\$91.75	
The Wabash R. R. Co.	.....	.....	.....	.....	.....	Transportation, Hollis.	.....	14.16	
Illinois Central R. R. Co.	.....	.....	.....	.....	.....	Transportation, fish	.....	12.75	
The Sioux City Stock Yards Co.	.....	.....	.....	.....	.....	Rent.	.....	\$240.00	
Town Telephone Co.	.....	.....	.....	.....	.....	Telephone.	.....	48.00	
The Maurice Joyce Engraving Co.	.....	.....	.....	.....	.....	Rubber stamp	.....	.50	
Austin, Minn.									
M. O. Anderson.....	Inspector.....	Apr. 1, 1903	.....	.....	1,500	.....	1,500.00	1.22	
John Mum.....	Tugger.....	Feb. 2, 1903	.....	.....	720	.....	720.00	.....	
Boston, Mass.									
Rice P. Steedman.....	Inspector.....	Apr. 1, 1903	.....	.....	1,800	.....	200.60	14.73	
Thos. W. Carmichael.....	do.....	do.....	.....	.....	1,500	.....	623.60	.....	
Jas. Johnston.....	do.....	do.....	.....	.....	1,500	.....	750.00	.....	
P. H. Mullooney.....	do.....	do.....	.....	.....	1,500	.....	158.88	.....	
Harry Q. Thompson.....	do.....	do.....	.....	.....	1,500	.....	783.88	.....	
Albert Long.....	do.....	do.....	.....	.....	1,400	.....	1,408.20	.....	
Do.....	do.....	Mar. 1, 1902	.....	.....	1,500	.....	.....	.....	
Henry E. Brown.....	do.....	June 1, 1904	.....	.....	1,400	.....	1,400.00	.....	
Daniel S. Hays.....	do.....	Apr. 1, 1903	.....	.....	1,400	.....	1,400.00	.....	
Alfred F. Martinus.....	do.....	Dec. 1, 1902	.....	.....	1,400	.....	72.28	.....	
F. L. Stevens.....	do.....	Apr. 1, 1901	.....	.....	1,400	.....	966.34	.....	
Thomas Coyle.....	Vessel Inspector.....	July 15, 1902	.....	.....	1,400	.....	163.66	.....	
E. A. Crossman.....	Assistant Inspector.....	May 1, 1903	.....	.....	1,400	.....	.....	.....	
Do.....	Inspector.....	July 1, 1900	.....	.....	1,200	.....	1,233.50	.....	
Do.....	.....	May 1, 1904	.....	.....	1,100	.....	.....	.....	



A. C. Fitzpatrick	Assistant inspector	Aug. 23, 1900	1,200	1,350.00	
Do.	Inspector	Oct. 1, 1903	1,400		
Andrew Hyde	Assistant inspector	June 6, 1902	1,200	893.99	
Do.	Inspector	Apr. 16, 1904	1,400		
Milton T. Perry	Assistant inspector	May 23, 1901	1,200	1,164.31	
Do.	Inspector	June 1, 1904	1,400		
Louis H. Kraus	Assistant inspector	Mar. 16, 1903	1,200	1,200.00	
Albert H. Logan	do	Mar. 2, 1903	1,200	1,200.00	
Frank P. Sturges	do	Dec. 18, 1902	1,200	1,200.00	
Dennie H. Udall	do	May 1, 1903	1,200	146.75	
Cyrus K. Small	Clerk	Sept. 4, 1903	1,200	97.80	
Henry W. Busteed	do	Feb. 15, 1903	900	900.00	
W. E. Berry	Stock examiner	July 1, 1902	900	837.99	
W. P. Cherrington	do	June 15, 1903	900	900.00	
Jas. S. Kennally	do	Dec. 1, 1894	900	898.80	
Frank P. Nowlan	do	Oct. 1, 1901	900	397.06	
Geo. D. Warner	do	May 1, 1903	900	900.00	
Wm. A. Baldwin	do	July 1, 1898	900		
Do.	Tagger	May 27, 1901	720	373.40	5.95
Geo. F. Babb	Stock examiner	Feb. 1, 1904	900	637.93	
L. L. Bullard	do	Aug. 12, 1903	720	81.23	
F. H. Burleigh	do	Mar. 1, 1892	720	84.23	
Edw. J. Burns	do	Sept. 28, 1891	720	509.35	
Harris B. Cook	do	Sept. 16, 1903	720	350.27	
John L. Ewing	do	Apr. 10, 1903	720	720.00	
Michl. F. Henry	do	June 20, 1901	720	121.20	
Walter H. Hersey	do	do	720	81.23	
C. B. Hutchinson	do	Oct. 23, 1899	720	264.73	
Jas. G. Jeffrey	do	Mar. 1, 1900	720	720.00	
Joseph S. Jensen	do	Feb. 1, 1898	720	346.17	
John S. Neagle	do	Jan. 8, 1904	720	52.83	
Merrill J. Ober	do	June 20, 1901	720	637.93	
Timothy P. White	do	Aug. 12, 1903	720	598.80	4.25
Effie I. Wescott	Assistant microscopist	July 25, 1901	600		
Do.	do	Apr. 11, 1898	720		
Do.	do	Jan. 1, 1903	720	554.71	
Cleveland, Columbus, Cincinnati and St. Louis Rwy. and New York New Haven and Hartford R. R. Co.	Microscopist	Sept. 16, 1903	840	25.50	
Trustees of the Milk Street Trust.				5.00	
George E. Francis					966.66
New England Telegraph and Telephone Co.					263.71
S. E. Bennett					162.56
Hooper, Lewis & Co. of Boston.					182.45
Edison Electric Illuminating Co. of Boston.					34.00
Boston Electric Co.					26.01
Bay State Clean Towel Co.					21.00
Danforth & Co.					15.00
					14.66

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
Boston, Mass.—Continued.									
The Boston Ice Co						Ice			\$5.60
Wm. P. Cherrington						Desk rack			5.00
Underwood Typewriter Co.						Repairing typewriter			2.50
Brookline Gas Light Co.						Gas.			2.10
McKenney & Waterbury Co.						Electric light			1.40
Jersey City, N. J.									
Julius Huelsen	Inspector	Dec. 15, 1900			\$1,600.00		\$1,600.00		100.25
Arch'd McBride	do	June 15, 1903			1,500		1,336.87		
Daniel J. Mangan	Assistant Inspector	Dec. 10, 1900			1,200		1,308.68		
Do	Inspector	Dec. 16, 1903			1,400		101.10		
Moses Isaac	Assistant Inspector	Apr. 22, 1903			1,200		900.00		
Immanuel Due	Clerk	Mar. 2, 1896			900		720		
Geo. J. Hocmer	Tagger	May 1, 1896			900		810.00		
Do	Stock examiner	Jan. 1, 1904			900		900.00		
F. A. Fahrenbach	do	Feb. 14, 1903			900		720.00		
John Purcell, jr	Tagger	Sept. 1, 1893			720		720.00		
Thomas Shea	do	July 17, 1893			720		720.00		
Buffalo, N. Y.									
Benj. Howes	Inspector	Apr. 15, 1903			1,500		1,122.20		
Jno. P. O'Leary	do	do			1,500		506.74		
L. A. Robinson	do	do			1,500		1,377.80		
W. N. D. Bird	do	Sept. 1, 1901			1,400		848.60		
Do	do	Jan. 1, 1904			1,500		933.40		
Harry M. Ball	do	Mar. 1, 1902			1,400		713.91		
C. O. Durfee	do	June 15, 1903			1,400		350.00		
H. R. Ryder	do	July 15, 1902			1,400		1,162.90		
E. L. Volgenau	do	Oct. 1, 1899			1,400		362.45		
S. Somerville, jr	Assistant Inspector	Apr. 15, 1903			1,200		692.40		
Wm. C. Wootton	do	Oct. 7, 1901			1,200		900.00		
Geo. H. Russell	Clerk	Jan. 1, 1900			900		825.80		
H. L. Newton	Stock examiner	Nov. 8, 1894			900		375.00		
Henry L. Ritehan	do	Feb. 15, 1896			900		720.00		
Michael Chojbacki	Tagger	Apr. 16, 1894			720		720.00		
Peter J. Davey	do	June 3, 1903			720		500.18		
Geo. M. Dishong	do	Dec. 12, 1901	June 10, 1904		720		258.14		

Ernest T. Faulder.....	do	June 25, 1904	720	11.87	
A. G. Gertson.....	do	Dec. 26, 1902	720	720.00	
Geo. A. Hanvey, jr.....	do	Mar. 12, 1903	720	121.20	
Michl. Justinger.....	do	July 1, 1893	720	231.35	
Jas. L. McGill.....	do	Jan. 17, 1898	720	720.00	
Jno. Mazrowski.....	do	July 10, 1893	720	720.00	
Geo. E. Wager.....	do	June 10, 1901	720	463.80	
Jas. F. Hughes.....	do	May 9, 1898	720	720.00	240.00
East Buffalo Live Stock Exchange Co.	Laborer				
B. P. Wende.....					554.88
The Bell Telephone Co. of Boston.					30.22
Remington Typewriter Co.					16.22
Fowler Manufacturing Co.					12.72
Chas. W. Pagle, jr.....					9.80
<i>Detroit, Mich.</i>					
Louis K. Green.....	Inspector	Apr. 1, 1903	1,500	1,500.00	25.19
Robt. J. Morrison.....	do	Mar. 1, 1903	1,400	1,400.00	
Jos. M. Sommer.....	Stock examiner	do	900		
Anthony Fleishans.....	Laborer	Oct. 30, 1900		4.00	
Ford Williamson.....	do	do	2.00		
James Fitzsimons & Co.	do		2.00	4.00	
				Office chair	7.00
<i>Milwaukee, Wis.</i>					
A. E. Behnke.....	Inspector	Sept. 15, 1900	1,600	1,600.00	78.23
T. T. Greene.....	do	Sept. 1, 1901	1,400	1,450.00	
do	do	Jan. 1, 1904	1,500		
Herbert Caldwell.....	do	Apr. 1, 1902	1,400	467.90	
Herbert M. Smith.....	do	June 1, 1902	1,400	886.48	8.00
Wm. Fotheringham.....	Assistant Inspector	Mar. 25, 1901	1,200		
do	Inspector	Apr. 1, 1904	1,400	1,250.00	
Isaac N. Krowl.....	Assistant Inspector	Jan. 4, 1901	1,200		
do	Inspector	Jan. 1, 1904	1,400	883.26	
R. E. Cochrane.....	Assistant Inspector	Aug. 20, 1901	1,200	1,200.00	
Adolph Eichhorn.....	do	Mar. 25, 1901	1,200	197.80	
John F. Roe.....	do	Dec. 15, 1902	1,200	994.51	5.05
Wm. B. Trenbeth.....	do	Dec. 5, 1902	1,200	101.10	
C. H. Morse.....	Clerk	Oct. 1, 1894	900	781.40	
Henry Bauml.....	Stock examiner	Jan. 1, 1894	900	900.00	
J. J. Eichstaedt.....	do	June 5, 1894	900	900.00	
Christian Hiller.....	do	Mar. 1, 1895	900	900.00	
Thos. C. Murphy.....	do	June 5, 1894	900	900.00	
John P. Somers.....	do	Jan. 1, 1899	900	450.00	
J. Ernest Brooks.....	do	Sept. 14, 1903	720	180.00	
Chester J. Curtis.....	Tagger	June 30, 1904		720.00	
A. E. Behnke.....	do	June 5, 1904			
Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.				Horse and buggy Transportation, H. M. Smith	420.00
					10.55



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
Portland, Oreg.									
Clarence Loveberry	Inspector	Dec. 1, 1902			\$1,400			\$13.65	\$231.39
Chas. W. Deming	Assistant Inspector	June 1, 1901			1,200			101.10	
Edw. C. Joss	do	Oct. 7, 1902			1,200			1,196.77	1.25
John D. Adams	Tagger	Apr. 9, 1904			720			120.70	5.05
W. A. Bitner	do	Feb. 15, 1898			720			598.80	16.25
Jean I. Nelson	do	Sept. 26, 1902			720			596.74	19.65
Jos. E. Torbet	do	Mar. 10, 1904			720			361.52	
E. L. Wells	do	Sept. 9, 1903			720			25.43	
Walter C. Burch	Laborer	July 1, 1900			720			30.00	
Geo. J. Coleman	do	Dec. 1, 1898			2.00			632.00	
Oliver E. Melvin	do	July 25, 1901			2.00			610.00	
E. H. Miller	do				2.00			106.00	
M. M. Welch	do				2.00			86.00	
O. B. Hess	do						Travel and miscellaneous ex-		1.50
							penses,		9.85
C. Loveberry							Horse and buggy		
Chicago, Milwaukee and St. Paul Rwy. Co.							Transportation, Bitner	58.00	371.66
Burlington and Missouri River R. R. in Nebraska.									
Northern Pacific Rwy.							Transportation, Nelson	50.00	
							Transportation, Adams	5.60	
San Francisco, Cal.									
George S. Baker	Inspector	Nov. 1, 1896			1,600				102.05
Do.	do	Apr. 1, 1904			1,800				
Joseph S. Keane	Assistant inspector	May 11, 1903			1,200			1,650.00	
John J. Borden	Stock examiner	Mar. 2, 1896			900			300.00	4.40
A. McSweeney	do	Feb. 15, 1896			900			896.32	
John E. Munn	do	Jan. 1, 1897			900			693.53	
T. J. Alexander	Tagger	Aug. 1, 1897			900			900.00	
John H. Webster	do	Mar. 2, 1896			720			660.20	
Northern Pacific Rwy.	do				720		Transportation, Keane	60.60	25.60
Seattle, Wash.									
O. B. Hess	Inspector	Sept. 1, 1901			1,600			1,600.00	20.95
L. C. Henderson	Assistant Inspector	Apr. 1, 1904			1,200			300.00	59.80

Jos. S. Keane.....	.....do.....	May 11, 1903	.....	1,200	900.00	.....	.....
John D. Adams.....	Tagger	Apr. 9, 1902	.....	720	48.52	.....	.....
Paul Frange.....	.....do.....	Dec. 1, 1902	.....	720	273.86	.....	.....
Marion J. Rarey.....	.....do.....	Dec. 16, 1902	.....	720	720.00	.....	.....
Robt. C. Shepherd.....	.....do.....	Jan. 19, 1903	.....	720	710.15	.....	.....
Jacob L. Workman.....	.....do.....	Dec. 4, 1903	.....	720	395.22	.....	.....
C. Loveberry.....	.....do.....	.....	.....	.....	.....	Horse and buggy	35.48
<i>Nebraska City, Nebr.</i>							
W. H. Gibbs.....	Inspector	Sept. 1, 1893	.....	1,200	1,200.00	.....	1.15
F. A. Dammann.....	Tagger	June 10, 1895	.....	720	720.00	.....	.....
<i>Cedar Rapids, Iowa.</i>							
Trajan A. Shipley.....	Inspector	Mar. 20, 1903	.....	1,500	1,500.00	.....	43.30
Burton R. Rogers.....	.....do.....	June 1, 1903	.....	1,400	234.60	.....	3.25
Alfred Day.....	Stock examiner	Sept. 1, 1898	.....	900	900.00	.....	.....
D. N. Wheeler.....	.....do.....	Feb. 28, 1902	.....	900	895.12	.....	.....
W. E. Churchill.....	Tagger	May 5, 1903	.....	720	720.00	.....	.....
H. H. Hicks.....	.....do.....	.....	.....	.....	.....	Traveling expenses	37.10
Chicago and Northwestern Rwy. Co.	.....do.....	.....	.....	.....	.....	Transportation, Hicks	6.75
Chicago, Milwaukee and St. Paul Rwy. Co.	.....do.....	.....	.....	.....	.....	Transportation, Rogers	2.72
<i>Cleveland, Ohio.</i>							
Edw. P. Schaffter.....	Inspector	Sept. 1, 1901	.....	1,600	1,534.77	.....	16.09
Harry M. Ball.....	.....do.....	Mar. 1, 1902	.....	1,400	136.96	.....	87.28
Wm. T. Sparhawk.....	.....do.....	Mar. 1, 1903	.....	1,400	580.80	.....	.....
Jas. T. Stuart.....	Assistant inspector	Mar. 1, 1898	.....	1,200	1,200.00	.....	.....
John J. Crowley.....	Stock examiner	Jan. 1, 1899	.....	900	897.57	.....	.....
John D. Shannon.....	.....do.....	Apr. 1, 1903	.....	900	900.00	.....	.....
Louis N. Stumpf.....	.....do.....	July 1, 1903	.....	720	.....	.....	.....
Frank Fila.....	Tagger	Sept. 25, 1893	.....	900	855.00	.....	.....
Do.....	Stock examiner	Oct. 1, 1903	.....	900	.....	.....	.....
Jos. E. Sawtell.....	Tagger	May 16, 1892	.....	720	734.90	.....	.....
Do.....	.....do.....	June 1, 1904	.....	900	.....	.....	.....
Wm. H. Fisher.....	Stock examiner	June 25, 1903	.....	720	720.00	.....	.....
Alice H. Richards.....	Tagger	Apr. 1, 1903	.....	720	720.00	.....	.....
Isabella Lacey.....	Clerk	Apr. 1, 1903	.....	.....	154.37	.....	.....
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.	Laborer	Dec. 1, 1897	.....	.....	.....	Transportation, Sparhawk	7.25
<i>Brightwood, Mass.</i>							
Wilbur J. Murphy.....	Inspector	Apr. 1, 1903	.....	1,500	1,500.00	.....	.....
Albert C. Chapin.....	Stock examiner	Mar. 1, 1903	.....	900	900.00	.....	.....

<sup>a</sup> Per month.

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
Philadelphia, Pa.									
Chas. A. Schauler	Inspector	Jan. 1, 1901			\$1,800		\$1,800.00		\$111.09
Richd. W. Hewett	do	Mar. 1, 1902			1,400		1,400.00		
Wm. R. Andrews	Assistant inspector	Aug. 23, 1900			1,200		1,366.40		
Do.	Inspector	Sept. 1, 1903			1,400				
John W. Montague	Assistant inspector	Mar. 25, 1901			1,200				
Do.	Inspector	Apr. 1, 1904			1,400		1,250.00		
Willis G. Benner	Assistant inspector	Nov. 7, 1902			1,200		900.00	\$10.80	
Chas. J. Bigley	Clerk	Aug. 1, 1901			1,000		1,000.00		
A. N. Pepperman	Stock examiner	Oct. 1, 1901			900		900.00		
Matt. Robinson	do	Mar. 13, 1903			900		900.00		
Wm. T. Tippet	do	Oct. 1, 1901			900		900.00		
Geo. B. Wright	do	Jan. 1, 1897			900		900.00		
Morton Magee	Tagger	Nov. 11, 1898			720		584.25		
Do.	Stock examiner	Feb. 15, 1904			900				
Florence E. Carlton	Tagger	Mar. 6, 1901			720		312.94		
Wm. J. Haughey	Laborer	Aug. 22, 1896			\$2.00		6.00		
Chas. S. Mathis	do	Feb. 12, 1903			2.00		12.00		
Thomas Ott	do	Aug. 3, 1903					146.00	18.00	
The Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						Transportation, W. G. Benner.			
G. A. Schauler						Horse and buggy			280.00
The Bell Telephone Co. of Philadelphia.						Telephone rental			80.00
Daniel Gallagher						Typewriter desk.			7.90
Ottumwa, Iowa.									
Joshua Miller	Inspector	Mar. 25, 1903			1,500		1,500.00		49.82
Burton R. Rogers	do	June 1, 1903			1,400		815.40	5.40	
Wm. H. Lytle	Assistant inspector	Jan. 4, 1904			1,200		590.11		
Abraham Mader	Stock examiner	Jan. 1, 1894			900		900.00		
T. B. Mahoney	Tagger	Aug. 26, 1901			720		143.43	8.25	
Do.	Stock examiner	May 16, 1901			900				
Eustace T. Baker	Tagger	Dec. 21, 1903			720		381.52		
Chester E. Hunt	do	July 6, 1903	July 6, 1903 <sup>a</sup>		720		98.08		
Henry A. Lane	do	Aug. 24, 1903	Feb 23, 1904		720		361.24		
O. E. G. Olmsted	do	Feb. 10, 1904			720		120.60	2.00	
Frank W. Orme	do	May 5, 1904			720		112.71		
John A. Mader	Laborer				2.00		60.00		



Chicago, Burlington and Quincy Rwy. Co.							Transportation, Rogers	8.43	
Iowa Central Rwy. Co.							Transportation, Olmsted	2.79	
Chicago, Milwaukee and St. Paul Rwy.							Transportation, Mahoney	8.30	
<i>Wichita, Kans.</i>									
John C. Milnes	Inspector	May 24, 1901				1,600			
Wesley N. Neil	do	Mar. 1, 1903				1,400			
do	do	Dec. 1, 1903				1,500			
Chas. W. Barnhart	Assistant inspector	Aug. 15, 1902				1,200			
Thos. J. Eagle	do	May 1, 1903				1,200			
Marvin Gregory	do	Apr. 1, 1904				1,200			
Geo. W. Knorr	do	Nov. 17, 1902				1,200			
Robt. B. Leeper	do	Aug. 22, 1901				1,200			
Lee C. Songer	do	Aug. 8, 1903				1,200			
Fred. W. Weston	do	do				1,200			
A. G. Bibb	Stock examiner	Mar. 1, 1896				900			
Thos. W. Oshe	do	July 1, 1897				900			
Henry Singleton	do	Feb. 1, 1901				900			
H. S. Newlove	Tagger	Jan. 1, 1897				720			
do	Stock examiner	Oct. 1, 1903				900			
Chas. I. Walch	Tagger	Apr. 1, 1901				720			
do	Stock examiner	Feb. 1, 1904				900			
Robt. R. Newman	Tagger	Sept. 1, 1903				720			
Alva C. Wyckoff	do	Mar. 22, 1904				720			
The Atchison, Topeka and Santa Fe Rwy. Co.							Transportation, Newlove and Walch	46.34	
Orrin L. Leighton							Travelling expenses	4.00	
The Wichita Union Stock Yards Co.							Rent	50.00	
<i>Denver, Colo.</i>									
Chas. H. Zink	Inspector	Feb. 1, 1900				1,600			
Herbert B. Chaney	do	Apr. 1, 1901				1,400			
do	do	Nov. 1, 1903				1,500			
Wm. F. Jones	Assistant inspector	Aug. 5, 1901				1,200			
Thos. W. Oshel	Stock examiner	July 1, 1897				900			
F. L. Simpson	do	June 27, 1895				900			
H. V. Persells	Tagger	Nov. 15, 1901				720			
do	Stock examiner	Apr. 1, 1904				900			
F. H. Herlinger	Tagger	Nov. 1, 1901				720			
The Atchison, Topeka and Santa Fe Rwy. Co.							Transportation, Oshel	17.00	
Chicago, Rock Island and Pacific Rwy. Co.							Transportation, Simpson	29.50	
<i>Davenport, Iowa.</i>									
George Dittwig	Inspector	Apr. 1, 1903				1,500			
Robt. L. Kelly	do	June 1, 1903				1,500			

a Worked one-half day.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
Davenport, Iowa—Continued.									
Eli L. Bertram.....	Inspector.....	Apr. 1, 1902	.....	.....	\$1,400 1,500 900	..... ..... Transportation, R. L. Kelly..... Transportation, E. L. Bertram.....	\$940.30 900.00 900.00	\$3.55 ..... 14.32	..... ..... .....
Do.....	do.....	June 1, 1904	.....	.....					
George C. Burke.....	Stock examiner.....	Jan. 1, 1894	.....	.....					
John Trainer.....	do.....	June 27, 1895	.....	.....	.....	.....	.....	.....	.....
Chicago, Burlington and Quincy Rwy. Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Rock Island and Pacific Rwy. Co.	.....	.....	.....	.....	.....	.....	.....	5.00	.....
Pittsburg, Pa.									
W. O. McHugh.....	Assistant inspector.....	May 10, 1902	.....	.....	1,260	.....	401.10	.....	.....
Norman C. Powell.....	do.....	Jan. 2, 1902	.....	.....	1,200	.....	798.90	.....	.....
H. L. Bollinger.....	Stock examiner.....	Apr. 15, 1903	.....	.....	900	.....	900.00	.....	.....
Rollin M. Patrick.....	Tagger.....	Sept. 18, 1903	June 27, 1904	.....	720	.....	559.54	.....	.....
James Plaskett.....	do.....	June 15, 1903	Sept. 5, 1903	.....	720	.....	130.98	.....	.....
Terre Haute and Indianapolis R. R.	.....	.....	.....	.....	.....	Transportation, Powell.....	.....	15.50	.....
Pittsburg Union Stock Yards Co.	.....	.....	.....	.....	.....	Rent.....	.....	75.00	.....
F. W. Almsworth.....	.....	.....	.....	.....	.....	Office expenses.....	.....	48.03	.....
Quincy, Ill.									
Jas. S. Kelly.....	Inspector.....	Apr. 1, 1903	.....	.....	1,500	.....	1,500.00	.....	14.25
John E. Feighner.....	Stock examiner.....	Apr. 15, 1903	.....	.....	900	.....	900.00	.....	.....
John E. Potter.....	Tagger.....	July 2, 1903	.....	.....	720	.....	479.40	2.50	.....
Chicago, Burlington and Quincy Rwy. Co.	.....	.....	.....	.....	.....	Transportation, Potter.....	.....	4.05	.....
Waterloo, Iowa.									
John C. Milnes.....	Inspector.....	May 24, 1901	.....	.....	1,600	.....	665.20	.....	6.75
Wesley N. Neil.....	do.....	Mar. 1, 1902	.....	.....	1,400	.....	117.90	.....	.....
Thos. W. Scott.....	do.....	Apr. 1, 1903	.....	.....	1,400	.....	700.00	7.05	13.00
L. C. Akin.....	Tagger.....	Feb. 1, 1898	.....	.....	720	.....	892.68	.....	.....
Do.....	Stock examiner.....	July 16, 1903	.....	.....	900	.....	.....	.....	.....
Morris Wooden.....	.....	.....	.....	.....	.....	Traveling expenses.....	.....	72.35	.....
Chicago, Burlington and Quincy Rwy. Co.	.....	.....	.....	.....	.....	Transportation, T. W. Scott.....	.....	10.85	.....

<i>New Haven, Conn.</i>	Nathan K. Fegley	Inspector	Apr. 1, 1903	1,500	1,500.00	24.35
	Henry Leland	Stock examiner	Jan. 1, 1902	900	900.00	
	Jno. L. Archison	Tagger	July 1, 1900	720	720.00	
<i>Topeka, Kans.</i>						
	F. L. De Wolf	Inspector	Apr. 1, 1903	1,500	1,500.00	2.73
	Wm. E. Hall	Stock examiner	do	900	900.00	
	E. E. Laird	Tagger	Sept. 15, 1897	720	720.00	
<i>Des Moines, Iowa.</i>						
	A. B. Morse	Inspector	Mar. 20, 1903	1,500	1,500.00	31.60
	A. C. Bennett	Tagger	Dec. 20, 1901	720	720.00	
	Chicago and Northwestern Rwy. Co.				Transportation, Bennett	8.62
<i>Marshalltown, Iowa.</i>						
	Richd. J. Blanche	Inspector	Apr. 1, 1903	1,500	1,248.60	.75
	John O. F. Price	do	Aug. 1, 1902	1,400	234.60	5.80
	Solomon C. Shale	Stock examiner	Feb. 1, 1904	900	138.49	7.00
	Rufus V. Maxson	Tagger	June 1, 1903	720	600.60	
	O. E. G. Olmsted	do	Feb. 10, 1904	720	39.56	
	The Plattsburg, Cincinnati, Chicago and St. Louis Rwy. The Wabash R. R. Co.				Transportation, Shale	16.50
<i>Bloomington, Iowa.</i>						
	Fredk. Braginton	Inspector	Mar. 20, 1903	1,500	1,500.00	3.90
	Chas. Vandervoort	Tagger	May 16, 1893	720	750.00	
	Do.	do	Apr. 1, 1904	840		
	Chicago and Alton Rwy. Co.				Transportation, Vandervoort	7.60
<i>Worcester, Mass.</i>						
	Edw. P. Dowd	Inspector	Mar. 25, 1903	1,500	1,500.00	1.00
	P. J. McPartland	Tagger	Dec. 19, 1901	720	720.00	
<i>San Diego, Cal.</i>						
	Robert Darling	Inspector	Apr. 1, 1903	1,500	1,500.00	
	Walter D. Benton	Stock examiner	Feb. 1, 1901	900	900.00	
	Robert Darling				Horse and buggy	300.00
<i>Dayton, Ohio.</i>						
	Joseph M. Good	Inspector	Apr. 1, 1902	1,400	117.90	1.11



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
<i>Mason City, Iowa.</i>										
Albert J. Payne	Inspector	Jan. 1, 1901	Mar. 15, 1903		\$1,600		\$725.24			\$1.20
Do.	do.	Jan. 18, 1904			1,600					
<i>Miscellaneous.</i>										
Ulysses G. Houck	Inspector	Apr. 1, 1903			1,800		1,350.00		\$741.51	
Rice P. Steddon	do.	do.			1,800		801.70		83.77	
Leroy Scribner	Clerk	Dec. 1, 1900			1,000		85.20			
S. R. Burch						Traveling expenses			178.62	
R. W. Hickman						do			198.45	
The Pennsylvania R. R. Co.						Passenger and freight transportation.			76.75	.88
New York, New Haven and Hartford R. R. Co.						do			30.68	15.50
The Missouri Pacific Rwy. Co.						do			15.00	39.40
New York Central and Hudson River R. R. Co.						do			18.50	4.71
Chicago and Northwestern Rwy. Co.						do			25.35	30.63
Chicago, Milwaukee and St. Paul Rwy. Co.						do			9.70	5.08
Oregon Short Line R. R.						Transportation, Burch & Hickman.			60.00	
Denver and Rio Grande R. R. Co.						do			36.00	
Union Pacific R. R. Co.						do			34.00	
The Lake Shore and Michigan Southern Rwy. Co.						do			30.00	
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						do			15.70	
Terre Haute and Indianapolis R. R.						do			14.80	
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						do			6.60	
Geo. E. Howard						Labels, stamps, and tags				46,311.75
E. J. Brooks & Co.						Car seals and presses				569.51
Chicago Car Seal and Manufacturing Co.						Car seals and tags				467.20
Chadwick Copying Book Co.						Copying books				257.60
Estate of John C. Parker						Stationery				109.38

Miller Lock Co.....	Padlocks and keys.....	84.45
Barber & Ross.....	Pliers, tucks, scissors, etc.....	85.14
Bausch & Lomb Optical Co.....	Aplanatic triplets.....	75.00
Clark & Davenport.....	Carpet and lining.....	160.68
M. Goldsmith & Son.....	Officers' badges.....	95.00
Church & Stephenson.....	Lumber.....	54.00
Old Dominion Paper Co.....	Memorandum books.....	51.84
D. Frank Parker.....	Typewriter supplies.....	25.80
Wm. E. Pratt.....	Hog rings.....	23.10
T. S. Buck Manufacturing Co.....	Flexible mounts.....	39.15
Lamb & Tilden.....	Pad ink.....	26.70
W. B. Moses & Sons.....	Chairs and sweeper.....	16.15
Rudolph, West & Co.....	Iron wire.....	14.75
Library Bureau.....	L. B. cards.....	12.09
J. P. Nawrath.....	Twine.....	10.15
Littlefield, Alvord & Co.....	.....do.....	10.65
Wm. J. Crawford.....	Hauling.....	1.40
Union Envelope Co.....	Envelopes.....	13.20
U. S. Envelope Co.....	.....do.....	8.00
Woodward & Lothrop.....	Desk.....	14.85
National Electrical Supply Co.....	Electric fan.....	10.50
Densmore Typewriter Co.....	Cover and repairs.....	6.30
James B. Lambie Co., Inc.....	Tubing and steel.....	6.68
Eberhard Faber.....	Rubber bands.....	5.52
The Publishers and Printers' Engraving Co.....	Two engravings.....	5.00
E. L. Cushman.....	Chuck.....	3.60
E. H. Catlin & Co.....	Turning spindles.....	2.40
The Maurice-Joyce Engraving Co.....	Rubber stamps.....	1.00
Ernest Betz.....	Tubing tin.....	.75
Burlington and Missouri River R. R. in Nebraska.....	Freight on stamps and seals.....	51.85
Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	30.07
Star Union Line.....	.....do.....	26.64
Burlington route, Missouri lines.....	.....do.....	11.87
Chicago, Rock Island and Pacific Rwy. Co.....	Freight on seals and tags.....	24.25
Chicago and Alton Rwy.....	.....do.....	16.21
Illinois Central R. R.....	.....do.....	3.47
Chicago, Rock Island and Texas Rwy.....	.....do.....	1.49
Baltimore and Ohio R. R. Co.....	Freight on stamps.....	18.35
Baltimore and Ohio Southwestern.....	.....do.....	10.38
Chicago, St. Paul, Minneapolis and Omaha Rwy.....	.....do.....	.85
Chesapeake and Ohio Rwy. Co.....	.....do.....	.91
Michigan Central R. R. Co.....	.....do.....	.51
The Atchison, Topeka and Santa Fe Rwy. Co.....	Freight on seals.....	7.18
Wabash R. R. Co.....	.....do.....	1.79

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MEAT INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
<i>Miscellaneous—Continued.</i>									
Chicago, Rock Island and Gulf Rwy.						Freight on seals.			\$1. 93
Houston and Texas Central R. R.						do			1. 62
Louisville and Nashville R. R.						do			1. 50
Metropolitan S. S. Co.						do			1. 28
Grand Trunk Rwy. of Canada.						do			. 88
Boston and Maine R. R.						do			. 25
Erie R. R. Co.						Freight on seals and rings.			1. 77
Chicago Great Western Rwy						Freight on tags.			. 48
							\$713, 955. 07	\$3, 491. 30	\$63, 489. 62

MICROSCOPIC INSPECTION—BUREAU OF ANIMAL INDUSTRY.

<i>Chicago, Ill.</i>								
W. A. Savage	Inspector	Mar. 16, 1903			\$1, 500		\$370. 90	
W. J. Stewart	do	Dec. 1, 1902			1, 500		1, 129. 10	
Jno. B. Sine	Special stock examiner	Nov. 1, 1900			1, 200		1, 200. 00	
J. N. Fitzgerald	Clerk	Aug. 15, 1901			840		70. 80	
do	do	Aug. 15, 1901			1, 000			
E. B. Luce	do	Feb. 1, 1896			1, 000			
W. A. Bitner	Tugger	Feb. 15, 1898			720		915. 80	
Jas. C. Exline	do	July 10, 1902			720		121. 20	
Bert Haskett	do	Nov. 10, 1899			720		546. 64	
Herman Jacobus	do	June 27, 1895			720		676. 47	
J. C. Lorenzen	do	do			720		720. 00	
Theo. Sauer	do	Aug. 15, 1891			720		720. 00	
Jas. R. Simpson	do	Oct. 10, 1898			720		720. 00	
Albert Willey	do	July 25, 1901			720		715. 98	
Bertha I. Allen	Assistant microscopist	Dec. 20, 1897			600		720. 00	
Maud S. Armstrong	do	Apr. 6, 1898	Jan. 28, 1904		600		163. 95	
May E. Bablick	do	Oct. 6, 1898			600		404. 17	
Ida Barnister	do	Sept. 1, 1893			600		404. 17	
Katie Barrow	do	Nov. 1, 1892			600		321. 00	
Mary K. Barry	do	May 1, 1895			600		404. 17	



Addie E. Benneson.....	op	Apr. 23, 1894	600	391.13
Malvina A. Bixby.....	do	Aug. 20, 1897	600	400.91
Estella C. Bonds.....	do	Apr. 6, 1898	600	363.30
Veturia E. Boyd.....	do	Feb. 17, 1897	600	101.08
Kate H. Brady.....	do	Dec. 1, 1892	600	404.17
Martha E. Brandt.....	do	Dec. 7, 1896	600	388.54
Martha A. Brittan.....	do	May 16, 1898	600	404.17
Laura D. Burke.....	do	June 22, 1891	600	180.93
Agnes Chase.....	do	Oct. 6, 1898	600	57.89
Anna F. Clarke.....	do	Sept. 1, 1893	600	397.61
M. J. Connell.....	do	.....do.....	600	404.17
Mary Connolly.....	do	June 10, 1898	600	382.79
Nora Conway.....	do	Oct. 10, 1892	600	347.72
Tresey Cowan.....	do	May 16, 1898	600	128.79
May H. Crosby.....	do	Sept. 1, 1893	600	273.44
Lillie M. Crowell.....	do	Feb. 1, 1894	600	530.32
Nellie E. Damon.....	do	Feb. 5, 1894	600	400.88
Nina B. Davis.....	do	Jan. 3, 1898	600	399.23
Della Dietz.....	do	Oct. 11, 1898	600	404.17
Bertha L. Diller.....	do	Sept. 1, 1893	600	206.94
Barbara Dorse.....	do	Dec. 26, 1894	600	404.17
Ella B. Earle.....	do	Mar. 25, 1895	600	379.62
Eliz. K. Eckert.....	do	Mar. 16, 1895	600	279.60
Margret Enright.....	do	Sept. 11, 1893	600	399.28
Matilda Evanson.....	do	Jan. 3, 1898	600	404.17
Mary F. Goggin.....	do	Aug. 9, 1897	600	397.63
Mary Gorman.....	do	Aug. 26, 1891	600	382.15
Char. R. Grosse.....	do	Oct. 11, 1898	600	411.51
Jennie E. Hatch.....	do	Sept. 7, 1897	600	146.02
Tessie C. Harvey.....	do	June 20, 1891	600	412.33
Bessie M. Healy.....	do	Oct. 6, 1898	600	391.13
Tillie Heil.....	do	Jan. 3, 1898	600	412.33
Jessie Hickman.....	do	Dec. 20, 1897	600	325.22
Clara E. Holmes.....	do	Apr. 18, 1898	600	406.60
May E. Hotchkiss.....	do	Mar. 1, 1895	600	237.18
Cora A. Houseman.....	do	June 10, 1898	600	332.30
Myrtle A. Hunt.....	do	Jan. 3, 1898	600	391.02
Mary Hurley.....	do	Dec. 1, 1893	600	405.79
Sarah A. Ingram.....	do	Apr. 11, 1898	600	407.14
Louise Johnson.....	do	Jan. 3, 1898	600	324.19
Mae B. Joslin.....	do	Aug. 20, 1897	600	407.38
Mary E. Keau.....	do	Sept. 1, 1893	600	392.67
Harriet F. King.....	do	Feb. 21, 1898	600	42.41
Anna Klingel.....	do	Mar. 10, 1898	600	8.15
Matie Kneeland.....	do	May 1, 1894	600	396.73
Alice Lawson.....	do	Aug. 9, 1897	600	377.10
Mary E. Leahy.....	do	Sept. 1, 1893	600	402.47
Kate R. Luce.....	do	Aug. 17, 1897	600	321.27
Amy T. Mace.....	do	Jan. 3, 1898	600	257.33
Ellen S. Mayhew.....	do	Dec. 1, 1898	600	309.35
Evelyn C. McCarthy.....	do	Jan. 3, 1898	600	403.29
Rosanna McDonnell.....	do	Apr. 6, 1898	600	

*Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.*

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Travel- ing.	Miscella- neous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
Chicago, Ill.—Continued.									
L. G. McGlasson	Assistant microscopist.	May 1, 1892			\$600		\$395.93		
Katie A. Murphy	do	Aug. 15, 1892			600		75.00		
Mamie F. Murray	do	Sept. 1, 1893			600		401.66		
Eliz. L. Neill	do	Jan. 3, 1898			600		403.29		
Annie Nicolai	do	Sept. 16, 1891			600		400.01		
Agnes B. O'Brien	do	Aug. 9, 1897			600		367.29		
Helen E. O'Brien	do	do	Nov. 11, 1903		600		120.74		
Bertha A. Ockerby	do	Oct. 6, 1898	Feb. 13, 1904		600		276.37		
Bessie D. Ogden	do	Mar. 15, 1895			600		404.07		
Jessie G. Ogden	do	Aug. 6, 1894			600		409.81		
Louise C. Olson	do	Jan. 3, 1898			600		289.07		
Grace Puette	do	June 15, 1898			600		409.81		
Anna M. Quinn	do	Oct. 1, 1894			600		408.18		
Agnes B. Rieder	do	Dec. 20, 1897			600		408.18		
Sarah A. Riley	do	Feb. 1, 1894			600		399.92		
Belle Ritter	do	Dec. 1, 1894			600		404.11		
Lila Robinson	do	Feb. 1, 1894			600		398.38		
Josephine Rockwell	do	Jan. 3, 1898			600		406.53		
Nabel Rockwell	do	Oct. 1, 1891			600		344.59		
Blanche Roy	do	Dec. 1, 1894			600		409.81		
Blanche Rutledge	do	Jan. 1, 1893			600		404.81		
Nellie A. Ryan	do	Oct. 10, 1892			600		361.36		
Hannah Scanlan	do	Apr. 1, 1892			600		409.81		
Ella Schwahn	do	Jan. 3, 1898			600		377.15		
Mae Searls	do	Apr. 18, 1898			600		299.38		
Mae H. Shaw	do	Dec. 7, 1896			600		401.57		
Mary Sheehan	do	do			600		409.81		
Nellie Sheehan	do	Oct. 6, 1898			600		395.12		
Jennie M. Shufeldt	do	Dec. 1, 1894			600		48.09		
Mary Somers	do	Feb. 16, 1895			600		409.81		
Daisy Stewart	do	Feb. 1, 1898			600		407.34		
W. O. Sutherland	do	Feb. 1, 1894			600		408.18		
Maggie Taylor	do	Feb. 15, 1894			600		186.76		
H. Inez Temple	do	Feb. 7, 1898			600				
Do.	Microscopist.	May 1, 1904			900		327.70		
Josephine C. Tully	Assistant microscopist.	Jan. 3, 1898			600		382.09		
Katherine Tully	do	Mar. 1, 1895			600		375.57		
Mildred E. Walters	do	Nov. 24, 1896			600		258.09		
Carrie Wells	do	Dec. 18, 1893			600		409.81		

Clara Werther.....	do	Sept. 1, 1891	600	325.87	
Marian Williams.....	do	Sept. 1, 1893	600	385.09	
Mary E. Williams.....	do	Sept. 1, 1897	600	384.48	
Edith W. Dewey.....	do	Oct. 25, 1897	600	387.32	
Selena Hosken.....	do	Nov. 1, 1898		337.32	
O. E. Dyson.....	do	Dec. 1, 1897			\$6.57
John C. Lorenzen.....	do				417.15
Gahan & Byrne.....	do				2,700.00
Chicago Towel Supply Co.....	do				298.85
The Consumers' Co.....	do				108.45
<i>South Omaha, Nebr.</i>					
Levi P. Beechey.....	Inspector.	June 24, 1901	1,400		
Do.....	do	Dec. 1, 1903	1,600	1,089.20	
John T. Blair.....	Tugger	May 1, 1898	720	299.90	
Edgar Jackson.....	do	June 15, 1903	720	478.10	
C. A. Milner.....	do	Sept. 9, 1903	720	180.00	
Jean I. Nelson.....	do	Sept. 26, 1902	720	60.60	
Amelia M. Alllyn.....	Assistant microscopist.	May 16, 1898	600	22.83	
Mary A. Atwood.....	do	Feb. 7, 1898	600	411.26	
Mehtable Barnes.....	do	Sept. 10, 1901	600	296.60	
Alma M. Calkins.....	do	do	600	318.02	
Mollie A. Conoyer.....	do	June 1, 1898	600	318.02	
Lulu E. Gibson.....	do	May 22, 1893	600	308.27	
Margaret Hogan.....	do	June 16, 1893	600	311.49	
Daisy C. Maus.....	do	Sept. 26, 1898	600	283.66	
Mary H. Milton.....	do	Feb. 10, 1898	600	22.82	
Mary E. Price.....	do	Sept. 1, 1897	600	314.89	
Fannie Sage.....	do	Aug. 20, 1897	600	298.39	
Dora Sawhill.....	do	Sept. 10, 1901	600	288.61	
Edith M. Sayre.....	do	Feb. 1, 1902	600	101.09	
Lizzie Spencer.....	do	Aug. 20, 1897	600	293.50	
Mabel F. Stevens.....	do	Sept. 10, 1901	600	295.13	
Mary Lynch.....	do	Aug. 1, 1901	600	201.95	
Frontier Towel Supply Co.....	Laborer				47.69
Henry Lehmann & Sons.....	do				33.00
<i>Indianapolis, Ind.</i>					
Matt. Quinn.....	Tagger	Apr. 16, 1893	720	60.60	
Do.....	do	Mar. 1, 1904	900		
Izetta A. Bell.....	Stock examiner	Dec. 15, 1898	600	39.14	
Mary B. Clark.....	Assistant microscopist.	June 21, 1897	600	35.87	
M. H. Dickinson.....	do	Feb. 1, 1898	600	39.14	
Mary A. Egan.....	do	Oct. 1, 1894	600	21.20	
Lizzie Keller.....	do	Aug. 20, 1897	600	39.14	
Mary Lucid.....	do	Dec. 16, 1893	600	39.14	
Flora F. Miller.....	do	Oct. 6, 1896	600	13.04	
Mary Morrison.....	do	Dec. 1, 1897	600	13.04	
N. C. Sorensen.....	Laborer			60.00	5.00

a Per month.



Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1904—Continued.

MICROSCOPIC INSPECTION—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
Milwaukee, Wis.									
Ella M. Caldwell	Assistant microscopist.	Jan. 3, 1898			\$600		\$4.89		
Hattie Schultz	do	Sept. 15, 1891			600		8.15		
E. F. Whittaker	do	Jan. 1, 1898			600		6.52		
S. M. Whittaker	do	Apr. 25, 1898			600		6.52		
Miscellaneous.									
Colman Brez	Instrument repairer.	Dec. 1, 1901			1,000		1,000.00		
E. J. Brooks & Co						Compressor glasses and disks.			\$84.50
American Tag Company						Tag fasteners.			16.00
Geo. E. Howard						Duplicate tags.			14.00
Grand Trunk Rwy. of Canada.						Freight on disks.			.65
							50,265.60		3,731.86

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